

FORMAT FOR PREPARING

MATERIALS MANAGEMENT PLANS

AS REQUIRED BY SUBPART 11, SECTION 11571, OF  
PART 115, SOLID WASTE MANAGEMENT, OF  
THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT  
1994 PA 451, AS AMENDED



Gretchen Whitmer, Governor  
Phillip D. Roos, Director

Michigan Department of Environment, Great Lakes, and Energy  
Materials Management Division

This document is available to download from our website at:  
[Michigan.gov/EGLEMMP](https://Michigan.gov/EGLEMMP)

## **2024 MATERIALS MANAGEMENT PLAN COVER PAGE**

Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, states that the Department of Environment, Great Lakes, and Energy (Department) shall ensure that each county has an approved materials management plan (MMP). Per Section 11574(2), the Department shall prepare the standard format and provide a copy of the standard format to each Designated Planning Agency (DPA) that the Department knows will prepare an MMP. The Department shall also provide the standard format to any other person upon request.

***GUIDANCE:*** *References for specific requirements of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, are included as sections and subsections. Please see MCL Section 324.11502-324.11506 for a complete list of terms and definitions.*

|                         |  |
|-------------------------|--|
| DATE SUBMITTED TO EGLE: |  |
| EGLE APPROVAL DATE:     |  |

All counties participating in this Plan are listed below and will be referenced throughout this plan as the planning area or county, as applicable.

|                  |
|------------------|
| St. Clair County |
|------------------|

|                                                      |                                                                                                               |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Designated Planning Agency (DPA) Preparing the Plan: | St. Clair County Metropolitan Planning Commission                                                             |
| Contact Person:                                      | Peter Klomparens, AICP                                                                                        |
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| Website:                                             | <a href="https://www.stclaircounty.org/SubHome/Index/645">https://www.stclaircounty.org/SubHome/Index/645</a> |
| Central Repository Location(s):                      | Metro Planning Office<br>200 Grand River Ave #202<br>Port Huron, MI 48060, USA                                |

## **SECTION ONE: PLANNING AREA PROFILE**

### **LAND AREA AND INDUSTRIES**

St. Clair County is the 24<sup>th</sup> largest county in Michigan by land area, with approximately 720 square miles of land area. The County is bordered by Lapeer County, Macomb County, Sanilac County, and the St. Clair River, which separates the County from Ontario, Canada.<sup>1</sup>

The primary industries in St. Clair County are mobility and automotive; advanced manufacturing; energy generation and distribution; and warehouse, logistics and distribution.<sup>2</sup>

### **POPULATION AND DEMOGRAPHICS**

*MCL Section 324.11578(1)(l)*

In 2024, St. Clair County had a population of approximately 160,000, with an average household size of 2.4 residents.<sup>3</sup> The largest communities in the County are Port Huron, Fort Gratiot, and Port Huron charter township. Most communities in St. Clair County have fewer than 10,000 residents.

#### Disability Characteristics

Approximately 17% of the County's population reports having some kind of disability, including hearing, vision, cognitive, ambulatory, self-care and independent living.<sup>4</sup> Residents with disabilities may have additional challenges accessing educational resources or using solid waste services. For example, citizens who are blind or visually impaired may require access to digital resources, via website or social media, so that they can use screen reading technology to read information about solid waste management programs in the County. Furthermore, residents who have ambulatory disabilities may benefit from curbside cart assistance services and staff assistance at drop-off sites to support them in disposing of materials.

#### Language Spoken at Home

Most County residents speak English at home (96.6%), while 3.4% of residents speak a language other than English at home.<sup>5</sup>

#### Education

Nearly 35% of County residents are high school graduates (including equivalency). Almost 25% of residents have acquired some college education but no degree. Smaller numbers of residents have an associate's, bachelor's or graduate degree.<sup>6</sup> The level of educational attainment for St. Clair County is shown in **Figure 1**.

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<sup>1</sup> [https://data.census.gov/profile/St.\\_Clair\\_County,\\_Michigan?g=050XX00US26147](https://data.census.gov/profile/St._Clair_County,_Michigan?g=050XX00US26147)

<sup>2</sup> <https://edascc.com/doing-business-here/target-industries/>

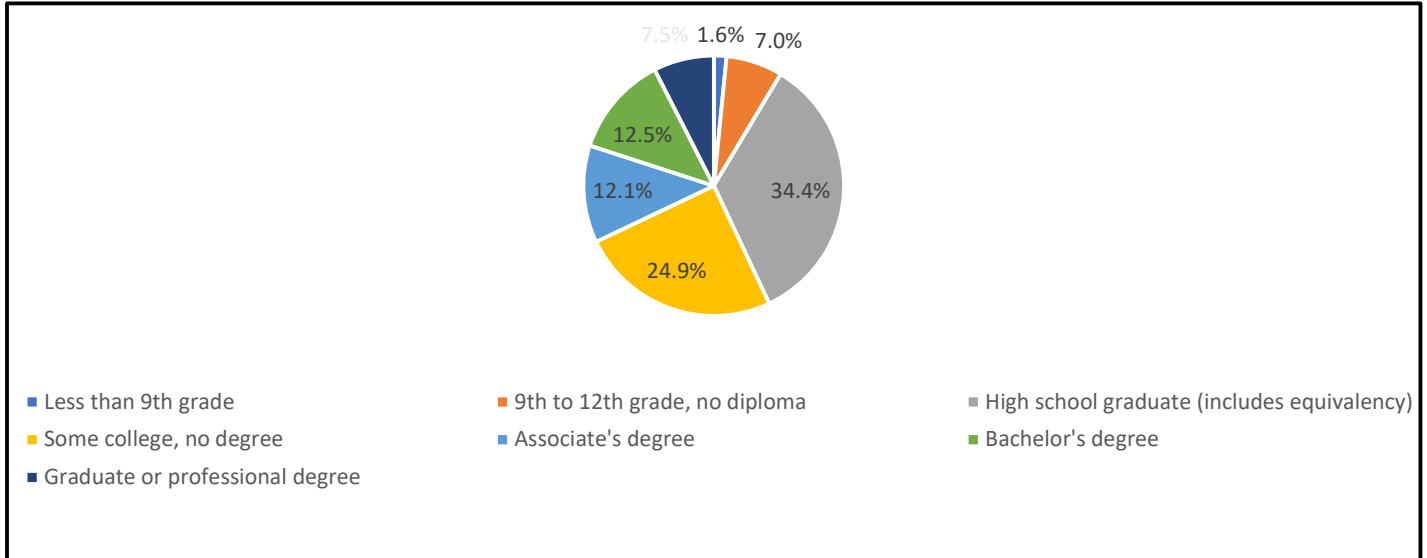
<sup>3</sup> <https://www.census.gov/quickfacts/fact/table/stclaircountymichigan/PST045224>

<sup>4</sup> <https://data.census.gov/table/ACSDP1Y2023.DP02?q=DP02&g=050XX00US26147&y=2023>

<sup>5</sup> <https://data.census.gov/table/ACSDP1Y2023.DP02?q=DP02&g=050XX00US26147&y=2023>

<sup>6</sup> <https://data.census.gov/table/ACSST1Y2023.S1501?g=050XX00US26147>

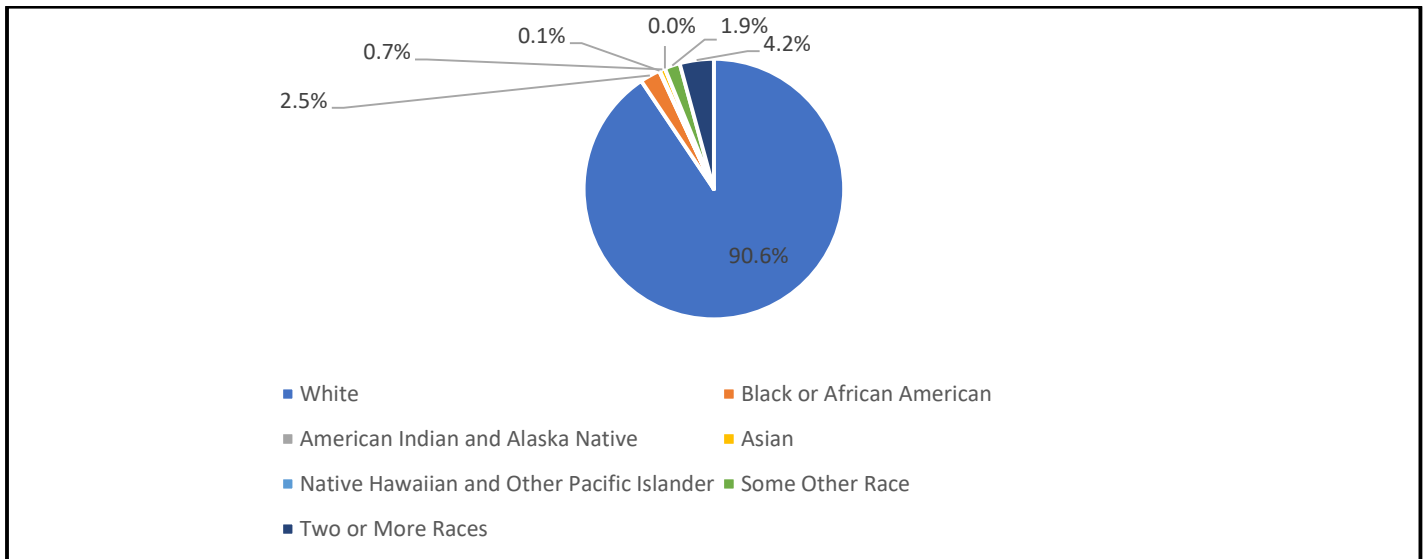
**Figure 1: Educational Attainment for St. Clair County<sup>7</sup>**



### Race and Ethnicity

Most County residents are white; however, small percentages of the population identified as Black or African American, American Indian and Alaska Native, Asian, Some Other Race, or Two or More Races, as shown in **Figure 2**.<sup>8</sup> There are not residents that self-identified as Native Hawaiian and Other Pacific Islander in the most recent census.

**Figure 2: Race and Ethnicity Characteristics in St. Clair County<sup>9</sup>**



<sup>7</sup> <https://data.census.gov/table/ACSST1Y2023.S1501?g=050XX00US26147>

<sup>8</sup> <https://data.census.gov/table/ACSDP1Y2023.DP05?q=DP05&g=050XX00US26147&y=2023>

<sup>9</sup> <https://data.census.gov/table/ACSDP1Y2023.DP05?q=DP05&g=050XX00US26147&y=2023>

### Long-Term Local and Statewide Population Trends

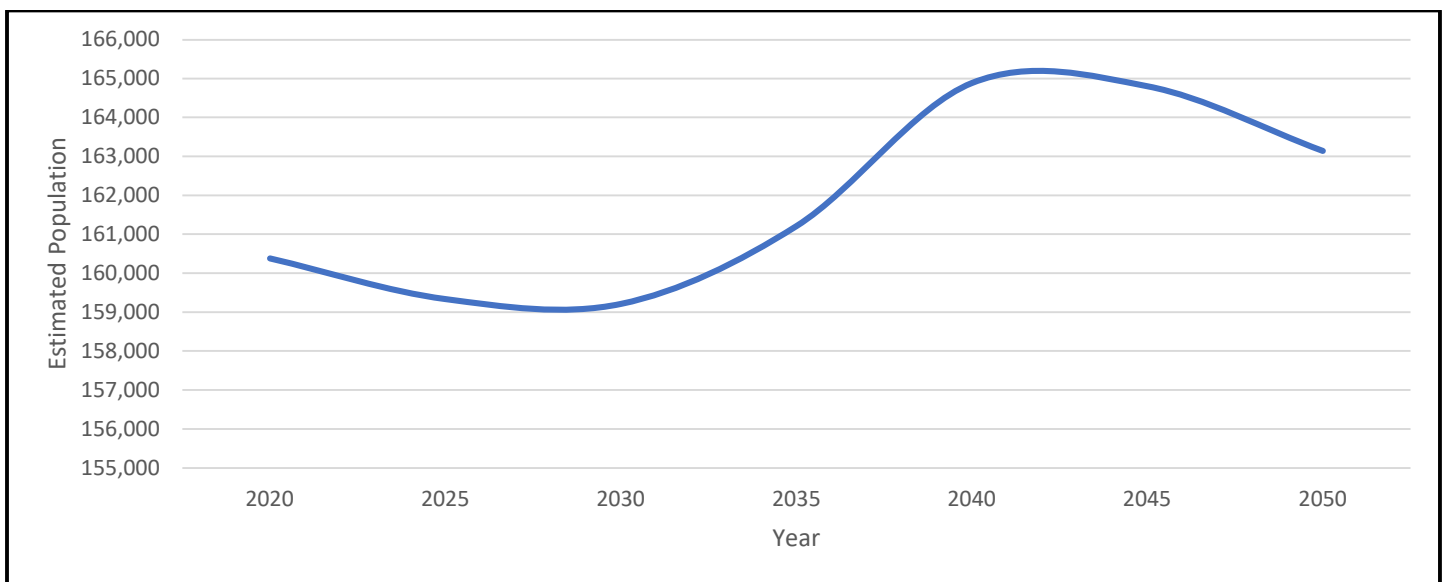
St. Clair County's population is projected to decline in 2020-2030 and 2040-2050, with a period of population growth between 2030-2040, based on population estimates from the Southeast Michigan Council of Governments (SEMCOG).<sup>10</sup> The period of growth anticipated in 2030-2040 in St. Clair County is due to expected housing unit construction during that period, industrial development anticipated in the I-69 corridor, increases in household size, and increases in occupancy rate.<sup>11</sup>

The Michigan Center for Data and Analytics published a report on *Michigan Statewide Population Projections through 2050*, which indicated that Michigan's total population is projected to decrease by approximately 200,000 people over the study period. This is due to trends of decreasing births and increasing deaths, which is not anticipated to be offset by positive net migration.<sup>12</sup>

### Population Projections

Between 2025 and 2050, the total population of St. Clair County is projected to increase from approximately 160,400 to approximately 163,100, as shown in **Figure 3**. During that period, the population density is anticipated to increase from approximately 222 residents per square mile of land to approximately 226 residents per square mile. The population projections for cities, townships, and villages in St. Clair County are shown in **Table 1**.

**Figure 3: St. Clair County Population (2020-2050)**



Source: SEMCOG 2050 RDF Community Population, July 2025.

<sup>10</sup> [SEMCOG 2050 Forecast, March 23, 2023.](#)

<sup>11</sup> Email received from SEMCOG's Socioeconomic Forecast Coordinator, dated July 25, 2025.

<sup>12</sup> <https://www.michigan.gov/mcda/insights/2025/03/06/mich-county-popproj-2050>

**Table 1: Actual and Projected Population and Population Density (2025-2050)<sup>13</sup>**

|                                     | Actual Population,<br>Reference Year | Projected Population |         |         |         |         |         |
|-------------------------------------|--------------------------------------|----------------------|---------|---------|---------|---------|---------|
|                                     | 2020                                 | 2025                 | 2030    | 2035    | 2040    | 2045    | 2050    |
| St. Clair County Total Population   | 160,383                              | 159,339              | 159,213 | 161,209 | 164,884 | 164,805 | 163,144 |
| St. Clair County Population Density | 222                                  | 221                  | 221     | 223     | 229     | 228     | 226     |

Note: Detailed information is included in **Appendix A**.

## GENERATION

*MCL Section 324.11504(22); 11578(1)(c)*

Material types included in this study include total waste generated, household hazardous waste (HHW), recyclable material diverted, and organic material diverted. In 2023, EGLE conducted the Mega Data project to assess materials management statewide and developed a county profile for St. Clair County.<sup>14</sup> The County's profile included information on access to collection and drop-off services for trash, recycling, yard waste, and HHW; materials management facilities located in the County; municipal ordinances that address solid waste; residential waste projections for total waste generated, recyclables diverted, organics diverted, and total requiring disposal; and commercial waste projections. County-specific data from the Mega Data project informed the generation analysis.

Residential and commercial waste projections were developed through 2050.

### Residential Generation

Waste, recycling, and organics quantities from the Mega Data project were used to develop per-capita generation rates for waste, recycling diversion, and organics diversion for each city, township, and village in the County, as shown in **Table 2**. Detailed information by municipality is available in Appendix A.

**Table 2: Residential Waste Generation & Diversion (2020)**

| St Clair County | Population (2020) | Total Waste Generation (Tons) <sup>1</sup> | Average Per-Capita Waste Generation (tons) | Total Recyclable Diversion (Tons) <sup>1</sup> | Average Per-Capita Recyclable Diversion (tons) | Total Organics Diversion (Tons) <sup>1</sup> | Average Per-Capita Organics Diversion (tons) | Total Requiring Disposal (Tons) <sup>1</sup> |
|-----------------|-------------------|--------------------------------------------|--------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| Total           | 160,383           | 76,925                                     | 0.47                                       | 9,950                                          | 0.05                                           | 6,068                                        | 0.04                                         | 60,908                                       |

Note: Detailed information is included in Appendix A.

<sup>1</sup> St. Clair County Profile, prepared by RRS for Michigan Department of Environment, Great Lakes, and Energy (EGLE).

The per-capita generation and diversion rates for each material type and jurisdiction were compared to population projections to estimate total waste generation, recycling diversion, and organics diversion between 2025 and 2050. The projections are based on the following assumptions:

- Per-capita generation and recycling rates remain consistent.

<sup>13</sup> SEMCOG 2050 RDF Community Population, Received July 2025.

<sup>14</sup> [St. Clair County Profile](#)

DPA: St. Clair County Metropolitan Planning Commission

- No changes in recycling access or behavior.
- Waste quantities are correlated with population size.

Quantity estimates were developed for waste, recycling diversion, and organics diversion, as shown in **Table 3** through **Table 5**. Detailed information by municipality is available in Appendix A.

**Table 3: Estimated Total Waste Quantity Generated 2025-2050 (tons)**

| St Clair County | Average Per-Capita Waste Generation (tons) | 2025   | 2030   | 2035   | 2040   | 2045   | 2050   |
|-----------------|--------------------------------------------|--------|--------|--------|--------|--------|--------|
| Total           | 0.45                                       | 73,285 | 73,285 | 74,067 | 75,790 | 75,716 | 74,938 |

Note: Estimated quantities by community are included in Appendix A.

**Table 4: Estimated Residential Recycling Diverted 2025-2050 (tons)**

| St Clair County | Average Per-Capita Recycling Diversion (tons) | 2025  | 2030  | 2035  | 2040  | 2045  | 2050  |
|-----------------|-----------------------------------------------|-------|-------|-------|-------|-------|-------|
| Total           | 0.05                                          | 9,627 | 9,645 | 9,761 | 9,993 | 9,980 | 9,890 |

Note: Quantities are included in total waste generation quantities listed in **Table 3**. Estimated quantities by community are included in **Appendix A**.

**Table 5: Estimated Residential Organic Material Diverted 2025-2050 (tons)**

| St Clair County | Average Per-Capita Organics Diversion (tons) | 2025  | 2030  | 2035  | 2040  | 2045  | 2050  |
|-----------------|----------------------------------------------|-------|-------|-------|-------|-------|-------|
| Total           | 0.04                                         | 5,767 | 5,766 | 5,826 | 5,961 | 5,955 | 5,893 |

Note: Quantities are included in total waste generation quantities listed in **Table 3**. Estimated quantities by community are included in **Appendix A**.

### Commercial Generation

Commercial generation of waste and diverted material was assumed to be correlated with population change over time. Commercial waste is projected to increase from approximately 80,200 TPY in 2025 to approximately 81,300 TPY in 2050, as shown in **Table 6**.

**Table 6: Estimated Commercial Waste Generation and Diversion 2025-2050 (tons)**

| Material Type                      | 2020 (Actual) | 2025   | 2030   | 2035   | 2040   | 2045   | 2050   |
|------------------------------------|---------------|--------|--------|--------|--------|--------|--------|
| Commercial Waste Generation (tons) | 80,189        | 79,667 | 79,376 | 80,371 | 82,203 | 82,164 | 81,336 |
| Commercial Diversion (tons)        | 6,577         | 6,534  | 6,510  | 6,592  | 6,742  | 6,739  | 6,671  |

## **INFRASTRUCTURE**

*MCL Section 324.11578(1)(d), (e), (f)*

Current disposal areas, material utilization facilities, and waste diversion centers in St. Clair County were identified, including name, address, and a short description, as shown in **Table 7**. Additional information on the disposal and diversion facilities in the County is included as **Appendix B**.

**Table 7: Disposal and Diversion Facilities in St. Clair County**

| Name                          | Address                              | Facility Type        |
|-------------------------------|--------------------------------------|----------------------|
| 3490 Fruit Road LLC           | 3490 Fruit Road, Algonac, MI         | Compost              |
| Indian Summer Recycling, Inc. | 5877 Bethuy Road, Casco Township, MI | Compost (Yard Waste) |

| Name                                                             | Address                                      | Facility Type                                                                       |
|------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|
| S A Torello-Dove Road                                            | 3500 Dove Road, Port Huron, MI               | Compost                                                                             |
| Techni-Comp                                                      | 4152 Dove Road, Port Huron, MI               | Compost (Yard Waste)                                                                |
| S A Torello-Eckles Road Pit                                      | Eckles Rd and Lapeer Rd, Port Huron, MI      | Compost                                                                             |
| S A Torello-Flinchbaugh Road Pit                                 | I-69 and Taylor Road, Port Huron, MI         | Compost                                                                             |
| Smiths Creek Landfill                                            | 6779 Smiths Creek Road, Smiths Creek, MI     | Waste Diversion Center for source-separated recycling and construction & demolition |
| Emterra Environmental Usa Corp, Dba Port Huron Transfer Facility | 4132 Dove Road, Port Huron, MI               | Transfer Station                                                                    |
| Smiths Creek/St Clair Landfill                                   | 6779 Smiths Creek Road, Smiths Creek, MI     | Landfill                                                                            |
| DTE Co Range Rd Ash Disposal                                     | 3600 Range Road, Saint Clair, MI             | Landfill                                                                            |
| Prestolite Wire Corp                                             | 3529 24 <sup>th</sup> Street, Port Huron, MI | Treatment Storage Disposal                                                          |
| Intertape Polymer Corporation                                    | 317 Kendall St, Marysville, MI               | Treatment Storage Disposal                                                          |
| Dana Incorporated                                                | 2020 Christian B Haas Dr, St Clair, MI       | Recycling                                                                           |
| Jeff's Rubbish Disposal, LLC.                                    | 11114 Burt Road, Emmett, MI                  | Transfer Station                                                                    |
| MGM Container Services Co.                                       | 9571 Marine City Highway, Ira Township, MI   | Transfer Station                                                                    |

Sources: [Michigan Materials Management Facilities](#), [2025 Facility Descriptions for Processing and Transfer Facility](#)

Current material management collection options available in the planning area were identified by municipality and collection option, as shown in **Table 8**. Municipalities with contracted haulers select a hauler to provide trash, recycling, and/or organics services to residents. In contrast, in areas of the County with open market collection, residents contract directly with a waste hauler to provide collection services.

**Table 8: Collection Options in St Clair County Municipalities**

| Municipality                | Collection Option |
|-----------------------------|-------------------|
| City of Algonac             | Contracted        |
| City of Marine City         | Contracted        |
| City of Marysville          | Contracted        |
| City of Memphis             | Contracted        |
| City of Port Huron          | Contracted        |
| City of St. Clair           | Contracted        |
| City of Yale                | Contracted        |
| Berlin Township             | Open Market       |
| Brockway Township           | Open Market       |
| Burtchville Township        | Open Market       |
| Capac Village               | Contracted        |
| Casco Township              | Open Market       |
| China Charter Township      | Contracted        |
| Clay Township               | Contracted        |
| Clyde Township              | Open Market       |
| Columbus Township           | Contracted        |
| Cottrellville Township      | Contracted        |
| East China Charter Township | Contracted        |
| Emmett Township             | Open Market       |

| Municipality                | Collection Option |
|-----------------------------|-------------------|
| Fair Haven                  | Contracted        |
| Fort Gratiot Township       | Contracted        |
| Grant Township              | Contracted        |
| Greenwood Township          | Contracted        |
| Ira Township                | Contracted        |
| Kenockee Township           | Open Market       |
| Kimball Township            | Open Market       |
| Lynn Township               | Open Market       |
| Mussey Township             | Open Market       |
| Port Huron Charter Township | Contracted        |
| Riley Township              | Contracted        |
| St. Clair Township          | Contracted        |
| Wales Township              | Open Market       |

Source: Provided by St. Clair County staff, February 2025.

## MUNICIPAL SOLID WASTE RECYCLING RATE

The baseline recycling rate for St Clair County is approximately 14%. In 2020, approximately 22,600 tons of material was diverted out of the approximately 157,100 tons of waste generated.<sup>15</sup> Tonnage data was included the 2023 St. Clair County Profile, prepared by RRS for Michigan Department of Environment, Great Lakes, and Energy (EGLE).

## SECTION TWO: MATERIALS MANAGEMENT GOALS

St. Clair County developed goals to address statewide requirements and local materials management needs. The County recognizes the State of Michigan’s Benchmark Recycling Standards and state-wide recycling and food waste goals. St Clair County’s long-term goal is to meet the 45% recycling rate and 50% reduction of food waste, while setting realistic short-term goals.

The County’s goals are intended to address the following requirements:

- State of Michigan recycling and food waste reduction goals
  - 45% recycling rate statewide beyond 2030
  - 50% total reduction of food loss and food waste
- Benchmark recycling standards
  - 90% of single-family dwellings must have access to curbside recycling by January 1, 2026 (urban areas) and January 1, 2028 (municipalities with more than 5,000 residents)
  - Drop-off locations to be provided by January 1, 2032 to provide recycling access to residents without curbside recycling
- County materials management goals to reduce the amount of organic materials, recyclable materials, and other identified materials being landfilled.

### Current State of Curbside Recycling Access

<sup>15</sup> St. Clair County Profile, prepared by RRS for Michigan Department of Environment, Great Lakes, and Energy (EGLE).

The benchmark recycling standards require that at least 90% of single-family dwellings in urban areas and municipalities with more than 5,000 residents must have access to curbside recycling. Recycling access is defined as the following:<sup>16</sup>

- Curbside recycling collected at least twice a month.
- Curbside recycling provided by the municipality, or the resident can choose a curbside recycling hauler.
- Mixed recyclables must be delivered to a compliant materials recovery facility.
- If recycling and waste are commingled, loads must be delivered to a compliant facility for sorting.
- Must include one or more recyclable materials, as determined by the county's material management plan, that are typically collected through curbside recycling programs.

Currently, the County meets those standards: Port Huron is the only township classified as an urban area by the US Census Bureau,<sup>17</sup> and it has contracted curbside recycling collection. The following townships are projected to have more than 5,000 residents by 2030, as shown in **Appendix A**:

- Fort Gratiot Township
- Port Huron Township
- Marysville
- Kimball Township
- Clay Township
- St. Clair Township
- St. Clair
- Ira Township
- Clyde Township

As shown in **Table 8**, these municipalities currently have recycling services available via franchise or subscription services and therefore meet the benchmark recycling standard.

#### Current State of Drop-off Recycling Access

St. Clair County has one drop-off site for recyclables, which is located at the Smiths Creek Landfill. The drop-off recycling site accepts paper, plastic, tin, and aluminum cans.<sup>18</sup> The benchmark recycling standard requires that in counties with population greater than 100,000 residents, at least one drop-off location must be provided for each 50,000 residents without access to curbside recycling. Drop-off requirements for recycling sites include the following:

- Recycling drop-offs are locations where residents may take specific recyclable materials.
- Drop-off services should be available at least 24 hours per month by 2032.

Currently, the County meets the minimum requirements for benchmark recycling standards.

*MCL Section 324.11578(1)(a), (b); 324.11504(38); 324.11502(6)*

<sup>16</sup> <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Recycling/Benchmark-Recycling-Standards.pdf?rev=735a8e338a8c41b1991bd2a1f6d3aa35&hash=97773C2D5DE53758EE082EC67A9367AF>

<sup>17</sup> [https://www2.census.gov/geo/docs/reference/ua/2020\\_Census\\_ua\\_list\\_all.xlsx](https://www2.census.gov/geo/docs/reference/ua/2020_Census_ua_list_all.xlsx)

<sup>18</sup> <https://www.stclaircounty.org/Offices/265>

The County, in coordination with the MMPC, identified goals to increase diversion that are focused on various sectors and customer types. The MMPC identified priorities based on both importance and feasibility within St. Clair County's current materials management system, and those priorities were used to develop the goals and specific strategies included below. The County is committed to making progress toward diversion and has identified timelines for the goals and strategies to reach those goals. The following timelines are estimated based on the finalization date of this MMP.

- Short-term: 0-3 years
- Medium-term: 4-10 years
- Long-term: 11+ years

**Goal 1: Increase County-wide Recycling Rate to 25% by 2030**

• **Goal 1A: Increase Residential Recycling Collection**

The County has identified the following strategies and supporting implementation steps to make progress toward its goal to increase access to and participation in residential recycling collection.

- Create campaign encouraging municipalities/townships to offer recycling within the licensing agreements with haulers operating in St. Clair County (*Medium-term*).
  - Coordinate with County attorney to assess legal basis.
  - Develop running list of active contracts with durations for communities/ townships within the County.
  - Develop licensing language for consideration by communities.
  - Provide support to municipalities with implementation of requirements.
- Engage with haulers (*Short-term*).
  - Review the list of haulers currently working in the County and whether they accept recyclable materials.
  - Partner with the municipality and township leaders, Michigan Solid Waste Association of North America (SWANA) chapter and Michigan Recycling Coalition to make connections with haulers that provide services in St. Clair County.
  - Conduct public outreach (for example, electronic surveys, public meetings, or one-on-one conversations) to ask about challenges associated with recycling and/or organics collection and future plans.
  - Share County's plan to increase diversion and opportunities for haulers.
- Engage with MRFs where County materials are currently hauled (*Long-term*).
  - Request a site visit at MRF(s) accepting recycling material generated in St. Clair County to understand their operations, contamination rate, recyclable tonnage managed, available processing tonnage, staffing, accepted materials, and end markets.
  - Learn about the MRF's current capabilities and future plans, including technology improvements, expanding capacity, and understand when new materials or material types are accepted.
  - Pursue expanded partnership between the County and the MRF by regularly engaging on updates and needs.
- Identify barriers to recycling (*Short-term*).
  - Conduct a survey of County residents to ask about recycling participation habits and/or barriers.
  - Review survey results and identify potential options for increasing recycling access.

- Review resources from EGLE, SEMCOG, and similar entities regarding barriers to recycling.
- Assess pricing of recyclable commodities and commodity pricing trends to inform decisions on expansion of materials managed in the County. Set intervals to re-evaluate pricing.
- Evaluate options for removing barriers to recycling and consider whether MMP implementation efforts will address these barriers.
- Research drop-off locations (*Short-term*).
  - Consider site options for recycling drop-off locations in the County.
  - Evaluate whether staffed or unstaffed drop-off locations would be possible at potential sites.
  - Consider what materials would be accepted at a recycling drop-off site.
  - Research necessary equipment for recycling drop-off, such as roll-off containers, gates, cameras, a concrete pad, signage and cost estimates.
  - Consider how drop-off sites will be serviced and open discussion with local hauling companies on contracting process.
- Increase access to curbside recycling (*Medium-term*).
  - Work with haulers that provide curbside recycling to consider expanding their service area to other communities. Understand barriers to expansion of service.
  - Conduct an interest survey of residents about curbside recycling in municipalities that do not currently offer contract hauling for recycling.
- Resources Needed: The County will need support and coordination from municipalities, local businesses operating in the County, and residents to achieve program goals and make progress toward the municipal solid waste recycling rate. Municipalities can provide support by promoting recycling in educational materials and encouraging or requiring haulers operating in their jurisdictions to provide recycling services. Local businesses, especially waste and recycling haulers, can provide feedback and insight to the County on barriers to recycling and the support or participation rates they would need from residents to make recycling more cost-effective. Residents can participate in available recycling programs, talk to their friends and family about the importance of recycling, and advocate for recycling access if they live in a community without access to recycling.
- Education and Outreach Programs: The County understands that education and outreach are important components of increasing recycling in the County, as residents must be informed about why recycling matters and how to do it correctly to participate in existing and expanded programs. The implementation steps listed above include outreach efforts to haulers to understand challenges and barriers to recycling collection; conducting outreach to County residents to ask about recycling participation, habits, barriers, and interest; and considering improved signage at recycling drop-off areas to make it easier for residents to recycle correctly.
- Implementation Timetable: The timeline for each strategy varies and is indicated in parenthesis in the list of strategies above.

• **Goal 1B: Increase Commercial Recycling Collection**

The County has identified the following strategies and supporting implementation steps to make progress toward its goal to increase commercial recycling.

- Work with the Chamber of Commerce and similar entities to assess whether there is business interest in increasing recycling (*Medium-term*).

- Meet with the Chamber of Commerce and similar entities to see whether businesses are interested in recycling.
- Assess whether there are ways to highlight business' efforts to increase materials management as a marketing opportunity for them.
- Consider developing a business assistance program or free business audit to help businesses identify opportunities to reduce waste.
- Consider a commercial recycling campaign, where businesses located in the County of a certain size or location are encouraged to obtain recycling services (*Medium-term*).
  - Meet with County Board of Commissioners and/or County Administration to assess interest and political feasibility.
  - Provide information to haulers and municipalities regarding the MMP goals.
  - Develop and implement an engagement plan with the commercial businesses in collaboration with the haulers.
- Resources Needed: It is anticipated that the strategies and implementation steps can be conducted by County staff with support in partnership with local Chambers of Commerce and municipalities.
- Education and Outreach Programs: The County has identified various outreach strategies to promote recycling at commercial businesses. Understanding whether businesses have access to commercial recycling services and interest in recycling is an important first step. The County proposes meeting with business groups and coordinating between businesses and haulers to understand barriers to recycling. The County may also consider offering a business assistance program or business audit to help businesses identify opportunities to reduce waste and increase recycling.
- Implementation Timetable: The timeline for each strategy varies and is indicated in parenthesis in the list of strategies above.

• ***Goal 1C: Increase organics diversion and management.***

The County has identified the following strategies and supporting implementation steps to make progress toward its goal to increase organics diversion and management.

- Develop an education plan about organics management or diversion options for County residents (*Medium-term*).
  - Identify current options for organics reduction and diversion, such as food waste prevention, food recovery, mulching grass clippings, backyard or commercial composting, etc.
  - Outline available County communication options to reach residents.
  - Develop primary audience and messaging for the education plan, using resources developed by EGLE, SEMCOG, Friends of the St. Clair River, and similar organizations to develop the plan.
  - Identify County events and other opportunities for outreach with the public.
  - Execute education plan.
- Work with St. Clair County Master Gardeners, Michigan State University (MSU) Extension, and similar entities to develop a pathway towards developing community compost areas in County municipalities (*Medium-term*).
  - Meet with St. Clair County Master Gardeners, MSU Extension, and similar entities to learn whether they would be interested in a partnership to increase organics diversion and produce compost for use as a soil amendment.
  - Identify current neighborhood/backyard composters in County.

- Identify potential new community compost locations in the County.
- Engage with community leaders in potential target locations to discuss program implementation process.
- Determine what materials would be accepted in the community compost program.
- Work with partners to identify County volunteers to organize and maintain community compost areas.
- Support existing outlets for yard waste and/or mulch in the County (*Medium-term*).
  - Develop a list of yard waste generators in the County.
  - Develop a list of locations where yard waste is accepted and processed and use it to create products, such as finished compost and mulch.
  - Work with facilities that produce compost and/or mulch to expand outlets for this material.
- Support development of food waste composting capabilities in the County (*Medium-term*).
  - Review requirements for accepting food waste at an existing compost facility.
  - Review requirements for adding a new composting facility that accepts food waste.
  - Meet with compost facility operators in the County to assess interest in accepting food waste in their process and understand barriers or challenges to management.
  - Pending barriers to food waste management shared by facility operators, consider developing resources to limit those barriers and support the transition to food waste composting (for example, guidance on the siting or permitting process, resources for food waste composting trainings, etc.).
- Resources Needed: The County will need staff time and partnership with other entities, such as the St. Clair County Master Gardeners, MSU Extension, and compost facility owners to accomplish these goals. Some food waste may be diverted via backyard or community composting. However, diverting large quantities of yard waste, food waste, and/or other organics is anticipated to require partnerships with new or existing facilities.
- Education and Outreach Programs: The strategies above include options for education and outreach to residents and other organizations that may produce food waste. The education plan can provide information to a variety of audiences to promote diversion of organic materials.
- Implementation Timetable: The timeline for each strategy varies and is indicated in parenthesis in the list of strategies above.

***Goal 2: Understand existing opportunities for reuse and reduction.***

The County has identified the following strategies and supporting implementation steps to make progress toward its goal to understand existing opportunities for reduction, reuse, and diversion.

- Conduct waste characterization study at County-owned Landfill or participate in regional efforts to conduct a characterization study (for example, SEMCOG) (*Medium-term*).
  - Prepare a request for proposal (RFP) for a waste characterization study.
  - Secure a contractor.
  - Identify materials list to be assessed.
  - Conduct characterization study.
  - Identify the quantity and types of divertible materials present in the County waste stream (for example, readily recyclable materials or single-use materials that could be reduced with reusable or durable versions of those materials).
  - Revisit MMP goals based on findings.

- Identify current locations that facilitate reuse and diversion (*Short-term*).
    - Make a list of entities that facilitate reuse and diversion within the County and in nearby Counties.
    - Reach out to these locations/businesses to inquire about potential partnerships with the County.
    - Ask reuse entities located in the County about their future plans for diversion and reuse, expansion opportunities, and resources needed to support additional reuse.
  - Reduce use of single-use plastics and packaging in the County (*Medium-term*)
    - Partner with SEMCOG or other partners to develop an educational campaign to reduce single-use plastics and packaging.
    - Identify grant opportunities to provide education on reduction of single-use plastics or packaging.
    - Encourage community leaders and stakeholders to support legislation that includes provisions to reduce or recycle single-use plastics or packaging, such as statewide extended producer responsibility (EPR) legislation.
  - Resources Needed: The County anticipates that it will hire a contractor to conduct a potential waste characterization study. The County may choose to partner with other entities and facilities to conduct a regional waste characterization study or may elect to conduct a characterization study at the County-owned landfill. The County would consider partnering with local entities that facilitate reuse or have reuse and refill programs.
  - Education and Outreach Programs: Education and outreach associated with this goal would be anticipated to include publication of any waste characterization findings. The County may consider using the waste characterization findings to conduct a targeted education campaign that highlights commonly-disposed materials that could instead be diverted through recycling or reuse programs to promote proper management of those materials. The County may also partner with other organizations or residents to understand and support current reuse and reduction program options. The County may consider partnering with local and regional partners, including, but not limited to SEMCOG, to provide education about the importance of reducing single-use plastics and packaging or pursuing grant funds to develop a County-led educational campaign.
- Implementation Timetable: The timeline for each strategy varies and is indicated in parenthesis in the list of strategies above.

***Goal 3: Increase diversion of construction and demolition (C&D) material.***

The County has identified the following strategies and supporting implementation steps to make progress toward its goal to increase diversion of C&D materials.

- Identify existing outlets for C&D recycling in St. Clair and adjacent Counties and identify whether there is capacity for additional materials or new material types (*Medium-term*).
  - Identify known outlets for beneficial reuse of C&D materials in the southeast Michigan region.
  - Meet with businesses that process C&D into a product to ask what types of materials they currently accept, if they have capacity to accept more materials, whether there are additional materials they're interested in accepting, and what resources they would need to expand the quantity and type of material accepted.
- Consider conducting a C&D diversion pilot study at the landfill to assess whether these materials are able to be effectively separated for diversion (*Medium-term*).

- Develop a pilot study strategy, including education campaign, to accept separated C&D materials or separate commodities out of mixed C&D materials at the landfill to assess feasibility of expanding C&D programs at the landfill.
- In coordination with the strategy listed above, meet with business owners to determine which materials are desired or accepted and have a market for reuse.
- Depending on the findings of the pilot study, assess whether an expanded C&D diversion program for select materials is feasible.
- Establish siting criteria for operating a C&D facility (*Medium-term*).
  - Establish siting criteria for developing and operating a C&D diversion program in the County.
  - Review planning and zoning ordinances to assess whether there are restrictions on facility operations in townships and other municipalities.
- Consider developing separate tip fees for mixed vs. separated C&D commodities, to promote improved sorting by contractors and generate revenues at the landfill that support operation of a diversion program (*Medium-term*).
  - Identify which C&D materials have end markets and can be separated from other C&D and MSW materials.
  - Conduct a solid waste rate study to support tip fee updates, if applicable. Develop a revenue requirement, cost of service, and develop rate alternatives for separated and mixed C&D materials.
  - Present findings of solid waste rate study to stakeholders and determine whether varying tip fees should be implemented for separated and mixed C&D materials.
- Resources Needed: The County anticipates needing staff time to identify potential outlets for C&D recycling and coordinating with existing C&D diversion facilities. Conducting a C&D pilot study may require grant funding to support a short-term study. If the County decided to expand a C&D diversion program for select materials, it is anticipated that they would conduct a rate study to evaluate costs, revenues, and potential revenue sources for a C&D diversion program.
- Education and Outreach Programs: Most of the outreach anticipated to support this goal would be directed toward commercial entities rather than residents. The County would identify potential interested parties and coordinate with them to support C&D diversion strategies.
- Implementation Timetable: The timeline for each strategy varies and is indicated in parenthesis in the list of strategies above.

In the short term, it is anticipated that implementation of County goals and strategies will be supported by EGLE's Materials Management Planning Grants. The County may also elect to pursue other state or federal grant funding to support specific initiatives. In the future, the County will consider various funding mechanisms to create stable, long-term funding to support its diversion programs.

**GUIDANCE:** MCL Section 324.11502(6) *Benchmark Recycling Standards* is a minimum access requirement that requires the following:

By January 1, 2026, at least 90 percent of single-family dwellings in urban areas as identified by the most recent federal decennial census and, by January 1, 2028, at least 90 percent of single-family dwellings in municipalities with more than 5,000 residents have access to curbside recycling that meets all the following criteria:

- (i) One or more recyclable materials, as determined by the county's material management plan, that are typically collected through curbside recycling programs, are collected at least twice per month.

- (ii) If recyclable materials are not collected separately, the mixed load is delivered to a solid waste processing and transfer facility and the recyclable materials are separated from material to be sent to a solid waste disposal area.
- (iii) Recyclable materials collected are delivered to a materials recovery facility that complies with part 115 or are managed appropriately at an out-of-state recycling facility.
- (iv) The curbside recycling is provided by the municipality, or the resident has access to curbside recycling by the resident's chosen hauler.

By January 1, 2032, the following additional criteria:

- (i) In counties with a population of less than 100,000, there is at least 1 drop-off location for each 10,000 residents without access to curbside recycling at their dwelling, and the drop-off location is available at least 24 hours per month.
- (ii) In counties with a population of 100,000 or more, there is at least 1 drop-off location for each 50,000 residents without access to curbside recycling at their dwelling, and the drop-off location is available at least 24 hours per month.

### **SECTION THREE: MECHANISMS**

#### **Funding and Enforcement Mechanisms:**

Describe the enforceable mechanisms by which municipalities/counties in the planning area will ensure convenient recycling access, such as one or more of the following:

- Assignment of the responsibility to the county or an authority.
- A franchise agreement;
- An intergovernmental agreement;
- Municipal service;
- Licensing under an ordinance;
- A public-private partnership.

The MMP may contain a mechanism for the county and municipalities in the planning area to assist the department and the department of state police in conducting the inspection program established in section 324.11526(2) and (3). This subdivision does not preclude the private sector's participation in providing materials management services consistent with the MMP for the planning area.

*MCL Section 324.11578(1)(n); 324.11581(1)*

**GUIDANCE:** *MCL Section 324.11581(1)* A municipality or county may fund the implementation of an MMP through any of the following methods, if applicable and to the extent authorized by the mechanism:

- A millage under 1917 PA 298, MCL 123.261.
- A municipal utility service fee.
- Special assessments under 1957 PA 185, MCL 123.731 to 123.786; 1954 PA 188, MCL 41.721 to 41.738; or the township and village public improvement and public service act, 1923 PA 116, MCL 41.411 to 41.419.
- A service provider franchise agreement.
- Hauler licensing fees.
- A voter-approved millage.
- A general fund appropriation.
- Supplemental fees for service.
- A surcharge under section 8a of the Urban Cooperation Act of 1967, 1967 (Ex Sess) PA 7, MCL 124.508a.
- A landfill surcharge.

- A flow control fee structure.
- Any other lawful mechanism.

**Table 9: Mechanisms**

| Type of Mechanism:             | Region/Area Impacted: | Description:                                                                                                                                                                                   |
|--------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Materials Management Ordinance | Entire County         | This ordinance will implement data collection and reporting requirements for haulers serving St. Clair County through a Hauler Licensing Ordinance as well as maintain flow control processes. |

**Facility Siting Process:**

The following process will be used to decide whether a proposed facility or facility expansion is allowed to be developed. No new facility can be developed unless it is consistent with this MMP or exempt according to Part 115. Existing ordinances, laws, rules, or regulations of municipalities, counties, or governmental authorities within the planning area that apply to the siting process are included in **Appendix C**.

*Roles and Responsibilities*

- **County Approval Agency (CAA)** for St. Clair County is the St. Clair County Board of Commissioners.
- **Designated Planning Agency (DPA)** is the primary government resource for reviewing siting applications, evaluating whether the application is consistent with the MMP and administratively complete, providing support to the MMPC, and notifying the owner/operator of applicants of its consistency determination.
- **Materials Management Planning Committee (MMPC)** is responsible for evaluating siting applications for compliance and consistency with the MMP.
- **EGLE** is responsible for conducting an independent evaluation for materials management facilities that require registration, general permit, construction permit, or operating license.

**Capacity Exempted Facilities:**

**Landfills (New and expansions, excluding future expansions of the Smiths Creek Landfill)**

St. Clair County has, in this plan, demonstrated more than 66 months disposal capacity. As a result, a formal State mandated siting criteria is not required and therefore will not be included in this plan.

In the event that St. Clair County nears 66 months disposal capacity, a siting mechanism in compliance with the requirements of Part 115 will be developed and included in the plan through the plan amendment process. This will occur before mandatory siting is required (having less than 66 months disposal capacity).

Reference **Appendix B** for Acknowledgement of Future Capacity from appropriate facilities.

**Authorized Facility Types:**

St. Clair County authorizes the following facility types:

- Solid Waste Disposal Areas: Expansions of the Smiths Creek Landfill, Incinerator, and solid waste processing and transfer facilities.

DPA: St. Clair County Metropolitan Planning Commission

- Materials utilization facilities: materials recovery facilities, compost facilities, anaerobic digesters, and innovative technology facilities.
- Waste Diversion facilities.

**Minimum Criteria:**

Facilities must meet the following minimum criteria:

- Located in an area not zoned Residential.
- A facility shall not be located in a designated historic or archaeological area defined by the state historical preservation officer.
- A facility shall complete the Reporting Requirements Agreement with the DPA.

**Automatically Consistent Facilities:**

- Smiths Creek Landfill.
- Smiths Creek Landfill Recycling Drop-off.
- Expansions of the Smiths Creek Landfill are automatically consistent.

**Automatically Consistent Facilities, Conditional:**

Existing Facilities included in the Facility Inventory are consistent with the Materials Management Plan under the following conditions:

- The facility is remaining in the existing footprint.
- The facility has submitted the Reporting Requirements Agreement with the DPA.
- The facility can verify compliance with EGLE requirements or has a defined plan to return to compliance with EGLE. Current documentation will be required and can include, but is not limited to, communications from the EGLE, the Warren District Office, and/or EGLE's online databases. The DPA has the authority to request additional documentation, if desired.

Expansions of Existing Facilities are not considered automatically consistent and must complete the application process.

**Supplemental Siting Criteria:**

St. Clair County is exempt from providing a Supplemental Siting Criteria for facilities as future disposal capacity will be met by facilities indicated in Appendix B.

**Authorized Facility Types that demonstrate compliance with Local Zoning requirements:**

The following facility types are authorized specifically by the zoning ordinance(s) found in **Appendix C**.

- Incinerator and Solid waste processing and transfer facilities
- Materials utilization facilities: materials recovery facilities, compost facilities, anaerobic digesters, and innovative technology facilities
- Waste diversion facilities

**Approval Process:**

1. Applicant shall contact the St. Clair County DPA to confirm that the proposed facility type is consistent with the Materials Management Plan.
  - a. The DPA can request a preapplication meeting, if desired.

2. If the proposed facility type is **a solid waste processing and transfer facility or materials utilization facility**, AND proposed to be developed in the planning area within one (1) mile of a municipality that is located adjacent to the planning area, the DPA will facilitate 2a and 2b:
  - a. The CAA shall notify the legislative body of the adjacent municipality of the proposed development in writing. The notice shall include a copy of this subsection.
  - b. The planning committee shall provide the adjacent municipality an opportunity to comment on the proposed development.
3. Applicant shall:
  - a. Contact the local city, village, or township where the project is located to initiate the development approval process (zoning compliance, site plan review, etc.).
  - b. Submit a request to EGLE to conduct an Advisory Analysis of the property and project (if applicable).
4. After the local city, village or township development approval process is complete, Applicant shall seek approval from the local elected legislative body (e.g. Township Board, City or Village Council) for the Facility in the form of a resolution with a completed Host Community Agreement.
  - a. See Sample Host Community Agreement.
5. If a resolution is passed by the local elected legislative body, Applicant shall send written correspondence via email with the following attachments to the DPA Primary Contact.
  - a. Cover Memo with Project Description and Location including Key Approval Dates (Planning Commission, Zoning Board of Appeals, City/Village Council or Township Board)
  - b. Proof of Ownership (e.g. property deed)
  - c. Final Site Plan / Engineering and Building Plan sets
  - d. Certified copies of all Planning Commission, Zoning Board of Appeals, and Board/Council Meeting Minutes and resolutions (if applicable) approving the project
  - e. Certified Resolution from the local elected legislative body supporting the project with the completed Host Community Agreement
  - f. Copy of request to EGLE to conduct an Advisory Analysis of the property and project (if applicable)
  - g. Copy of receipt of the application fee (see Fee Schedule).
6. If the DPA Primary Contact deems that the application is accurate and complete, the DPA Primary Contact will submit the application to the St. Clair County Materials Management Planning Committee (MMPC) for consideration.
7. The DPA Primary Contact will send notice to the Applicant and the Chief Elected Official of the local community of the date and time of the MMPC meeting.
8. If the application meets the requirements of the MMP Plan, as reviewed, and is approved by the MMPC, the DPA Primary Contact will send a copy of the approved application to EGLE, the Applicant, and the Chief Elected Official of the local community.

**Applications:**

Applications for new or expanded facilities must be submitted to the following address:

St. Clair County Metropolitan Planning Commission  
200 Grand River Ave #202  
Port Huron, MI 48060

*MCL Section 324.11578(1)(r), 324.11578(3), 324.11579, 324.11585*

**GUIDANCE:** 324.11578(1)(s) Take into consideration the MMPs of counties adjacent to the planning area as they relate to the planning area's needs.

**SECTION FOUR: ADMINISTRATION**

Identify the entity or entities responsible for each of the following and document the appropriateness of the identified entities to carry out their respective responsibilities:

- Implementing the access requirements of the benchmark recycling standards.
- Identifying the materials utilization framework and the achievement of the materials management goals.
- Otherwise monitoring, implementing, and enforcing the MMP and providing any required reports to the department.
- Administering the funding mechanisms that will be used to implement the MMP.

*MCL Section 324.11578(1)(p)*

**Table 10: Responsible Entities**

| <b>Responsibilities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Name/Title/Organization</b> | <b>Qualifications/Authority</b>                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Monitor, implement, and enforce the MMP.</li><li>• Administer funding, including revenues generated for the MMP and grant funding received from EGLE.</li><li>• Assess whether the access requirements of the benchmark recycling standards are met every five years.</li><li>• Review and update this MMP every five years to reflect current conditions, County goals and priorities, and progress toward recycling goals.</li></ul> | St. Clair County               | The St. Clair County Board of Commissioners is the County Approval Agency (CAA) and the St. Clair County Metropolitan Planning Commission is the DPA for this plan. |

## APPENDIX A: PROJECTED POPULATION AND MATERIAL QUANTITIES

**Table 1: Actual and Projected Population and Population Density (2025-2050)**

|                                            | Population<br>(Actual) | Population (Projected) |                |                |                |                |                |
|--------------------------------------------|------------------------|------------------------|----------------|----------------|----------------|----------------|----------------|
| Municipality                               | 2020                   | 2025                   | 2030           | 2035           | 2040           | 2045           | 2050           |
| Algonac                                    | 4,196                  | 4,181                  | 4,207          | 4,253          | 4,265          | 4,250          | 4,132          |
| Berlin Township (St. Clair)                | 3,115                  | 3,010                  | 2,974          | 2,999          | 3,085          | 3,100          | 3,022          |
| Brockway Township                          | 1,897                  | 1,871                  | 1,861          | 1,880          | 1,900          | 1,867          | 1,799          |
| Burtchville Township                       | 4,077                  | 4,017                  | 4,012          | 3,963          | 4,109          | 4,126          | 4,021          |
| Capac                                      | 1,983                  | 1,990                  | 1,997          | 2,017          | 2,043          | 2,066          | 2,091          |
| Casco Township                             | 3,990                  | 3,818                  | 3,782          | 3,821          | 3,897          | 3,855          | 3,782          |
| China Township                             | 3,509                  | 3,422                  | 3,439          | 3,516          | 3,598          | 3,580          | 3,475          |
| Clay Township                              | 8,446                  | 8,556                  | 8,429          | 9,098          | 9,176          | 9,241          | 9,255          |
| Clyde Township                             | 5,523                  | 5,264                  | 5,143          | 5,164          | 5,251          | 5,272          | 5,173          |
| Columbus Township                          | 4,112                  | 4,115                  | 4,012          | 3,971          | 4,048          | 4,110          | 4,032          |
| Cottrellville Township                     | 3,406                  | 3,258                  | 3,227          | 3,235          | 3,264          | 3,202          | 3,159          |
| East China Township                        | 3,704                  | 3,701                  | 3,772          | 3,860          | 3,960          | 3,940          | 3,886          |
| Emmett                                     | 258                    | 246                    | 239            | 239            | 246            | 244            | 239            |
| Emmett Township                            | 2,257                  | 2,167                  | 2,137          | 2,100          | 2,137          | 2,107          | 2,043          |
| Fort Gratiot Township                      | 11,242                 | 11,684                 | 11,981         | 12,131         | 12,460         | 12,557         | 12,600         |
| Grant Township                             | 1,829                  | 1,737                  | 1,689          | 1,728          | 1,733          | 1,709          | 1,675          |
| Greenwood Township                         | 1,490                  | 1,413                  | 1,433          | 1,417          | 1,419          | 1,345          | 1,287          |
| Ira Township                               | 4,967                  | 5,117                  | 5,156          | 5,173          | 5,268          | 5,214          | 5,114          |
| Kenockee Township                          | 2,405                  | 2,351                  | 2,322          | 2,329          | 2,390          | 2,374          | 2,333          |
| Kimball Township                           | 9,609                  | 9,628                  | 9,670          | 9,727          | 10,010         | 10,130         | 10,194         |
| Lynn Township                              | 1,117                  | 1,054                  | 1,008          | 969            | 1,005          | 1,010          | 962            |
| Marine City                                | 4,079                  | 3,996                  | 4,065          | 4,076          | 4,117          | 4,037          | 3,943          |
| Marysville                                 | 9,997                  | 9,997                  | 10,064         | 10,237         | 10,548         | 10,452         | 10,334         |
| Memphis (St. Clair)                        | 315                    | 349                    | 345            | 343            | 352            | 351            | 340            |
| Mussey Township                            | 2,251                  | 2,170                  | 2,151          | 2,158          | 2,147          | 2,136          | 2,052          |
| Port Huron                                 | 28,983                 | 28,811                 | 28,754         | 28,781         | 29,479         | 29,364         | 29,270         |
| Port Huron Township                        | 10,792                 | 10,598                 | 10,624         | 11,022         | 11,382         | 11,494         | 11,497         |
| Richmond (St. Clair)                       | 3                      | 3                      | 3              | 3              | 3              | 3              | 3              |
| Riley Township                             | 3,199                  | 3,137                  | 3,105          | 3,164          | 3,201          | 3,207          | 3,136          |
| St. Clair                                  | 5,464                  | 5,628                  | 5,642          | 5,675          | 5,850          | 5,850          | 5,839          |
| St. Clair Township                         | 7,085                  | 7,149                  | 7,123          | 7,256          | 7,481          | 7,577          | 7,470          |
| Wales Township                             | 3,180                  | 3,072                  | 3,046          | 3,098          | 3,198          | 3,198          | 3,166          |
| Yale                                       | 1,903                  | 1,829                  | 1,801          | 1,806          | 1,862          | 1,837          | 1,820          |
| <b>Total</b>                               | <b>160,383</b>         | <b>159,339</b>         | <b>159,213</b> | <b>161,209</b> | <b>164,884</b> | <b>164,805</b> | <b>163,144</b> |
| <b>St. Clair County Population Density</b> | <b>222</b>             | <b>221</b>             | <b>221</b>     | <b>223</b>     | <b>229</b>     | <b>228</b>     | <b>226</b>     |

Source: SEMCOG 2050 RDF Community Population, Received July 2025.

**Table 2: Residential Waste Generation & Diversion (2020)**

| <b>Municipality</b>         | <b>Population<sup>1</sup></b> | <b>Total Waste Generation (Tons)<sup>2</sup></b> | <b>Per-Capita Waste Generation (tons)</b> | <b>Total Recyclable Diversion (Tons)<sup>2</sup></b> | <b>Per-Capita Recyclable Diversion (tons)</b> | <b>Total Organics Diversion (Tons)<sup>2</sup></b> | <b>Per-Capita Organics Diversion (tons)</b> | <b>Total Requiring Disposal (Tons)<sup>2</sup></b> |
|-----------------------------|-------------------------------|--------------------------------------------------|-------------------------------------------|------------------------------------------------------|-----------------------------------------------|----------------------------------------------------|---------------------------------------------|----------------------------------------------------|
| Algonac                     | 4,196                         | 2,026                                            | 0.48                                      | 319                                                  | 0.08                                          | 155                                                | 0.04                                        | 1,552                                              |
| Berlin Township (St. Clair) | 3,115                         | 1,453                                            | 0.47                                      | 104                                                  | 0.03                                          | 122                                                | 0.04                                        | 1,226                                              |
| Brockway Township           | 1,897                         | 906                                              | 0.48                                      | 65                                                   | 0.03                                          | 76                                                 | 0.04                                        | 765                                                |
| Burtchville Township        | 4,077                         | 1,425                                            | 0.35                                      | 102                                                  | 0.03                                          | 120                                                | 0.03                                        | 1,203                                              |
| Capac                       | 1,983                         | 842                                              | 0.42                                      | 60                                                   | 0.03                                          | 71                                                 | 0.04                                        | 711                                                |
| Casco Township              | 3,990                         | 1,833                                            | 0.46                                      | 131                                                  | 0.03                                          | 154                                                | 0.04                                        | 1,548                                              |
| China Township              | 3,509                         | 1,724                                            | 0.49                                      | 271                                                  | 0.08                                          | 132                                                | 0.04                                        | 1,321                                              |
| Clay Township               | 8,446                         | 1,735                                            | 0.21                                      | 273                                                  | 0.03                                          | 132                                                | 0.02                                        | 1,330                                              |
| Clyde Township              | 5,523                         | 2,177                                            | 0.39                                      | 156                                                  | 0.03                                          | 183                                                | 0.03                                        | 1,838                                              |
| Columbus Township           | 4,112                         | 1,826                                            | 0.44                                      | 131                                                  | 0.03                                          | 154                                                | 0.04                                        | 1,541                                              |
| Cottrellville Township      | 3,406                         | 1,734                                            | 0.51                                      | 273                                                  | 0.08                                          | 132                                                | 0.04                                        | 1,329                                              |
| East China Township         | 3,704                         | 1,853                                            | 0.50                                      | 292                                                  | 0.08                                          | 141                                                | 0.04                                        | 1,420                                              |
| Emmett                      | 258                           | 116                                              | 0.45                                      | 8                                                    | 0.03                                          | 10                                                 | 0.04                                        | 98                                                 |
| Emmett Township             | 2,257                         | 1,072                                            | 0.47                                      | 77                                                   | 0.03                                          | 90                                                 | 0.04                                        | 905                                                |
| Fort Gratiot Township       | 11,242                        | 5,501                                            | 0.49                                      | 866                                                  | 0.08                                          | 420                                                | 0.04                                        | 4,216                                              |
| Grant Township              | 1,829                         | 724                                              | 0.40                                      | 52                                                   | 0.03                                          | 61                                                 | 0.03                                        | 611                                                |
| Greenwood Township          | 1,490                         | 686                                              | 0.46                                      | 49                                                   | 0.03                                          | 58                                                 | 0.04                                        | 579                                                |
| Ira Township                | 4,967                         | 2,541                                            | 0.51                                      | 400                                                  | 0.08                                          | 194                                                | 0.04                                        | 1,947                                              |
| Kenockee Township           | 2,405                         | 1,144                                            | 0.48                                      | 82                                                   | 0.03                                          | 96                                                 | 0.04                                        | 966                                                |
| Kimball Township            | 9,609                         | 4,179                                            | 0.43                                      | 299                                                  | 0.03                                          | 351                                                | 0.04                                        | 3,528                                              |
| Lynn Township               | 1,117                         | 442                                              | 0.40                                      | 32                                                   | 0.03                                          | 37                                                 | 0.03                                        | 373                                                |
| Marine City                 | 4,079                         | 2,039                                            | 0.50                                      | 321                                                  | 0.08                                          | 156                                                | 0.04                                        | 1,562                                              |
| Marysville                  | 9,997                         | 4,841                                            | 0.48                                      | 762                                                  | 0.08                                          | 370                                                | 0.04                                        | 3,710                                              |
| Memphis (St. Clair)         | 315                           | 154                                              | 0.49                                      | 24                                                   | 0.08                                          | 12                                                 | 0.04                                        | 118                                                |
| Mussey Township             | 2,251                         | 1,017                                            | 0.45                                      | 73                                                   | 0.03                                          | 86                                                 | 0.04                                        | 859                                                |
| Port Huron                  | 28,983                        | 14,439                                           | 0.50                                      | 2,272                                                | 0.08                                          | 1,102                                              | 0.04                                        | 11,065                                             |

| Municipality         | Population <sup>1</sup> | Total Waste Generation (Tons) <sup>2</sup> | Per-Capita Waste Generation (tons) | Total Recyclable Diversion (Tons) <sup>2</sup> | Per-Capita Recyclable Diversion (tons) | Total Organics Diversion (Tons) <sup>2</sup> | Per-Capita Organics Diversion (tons) | Total Requiring Disposal (Tons) <sup>2</sup> |
|----------------------|-------------------------|--------------------------------------------|------------------------------------|------------------------------------------------|----------------------------------------|----------------------------------------------|--------------------------------------|----------------------------------------------|
| Port Huron Township  | 10,792                  | 5,172                                      | 0.48                               | 814                                            | 0.08                                   | 395                                          | 0.04                                 | 3,963                                        |
| Richmond (St. Clair) | 3                       | 1                                          | 0.33                               | 0                                              | 0.00                                   | 0                                            | 0.00                                 | 1                                            |
| Riley Township       | 3,199                   | 1,482                                      | 0.46                               | 106                                            | 0.03                                   | 125                                          | 0.04                                 | 1,251                                        |
| St. Clair            | 5,464                   | 2,673                                      | 0.49                               | 421                                            | 0.08                                   | 204                                          | 0.04                                 | 2,049                                        |
| St. Clair Township   | 7,085                   | 3,464                                      | 0.49                               | 545                                            | 0.08                                   | 264                                          | 0.04                                 | 2,654                                        |
| Wales Township       | 3,180                   | 1,440                                      | 0.45                               | 103                                            | 0.03                                   | 121                                          | 0.04                                 | 1,216                                        |
| Yale                 | 1,903                   | 1,106                                      | 0.58                               | 174                                            | 0.09                                   | 84                                           | 0.04                                 | 848                                          |
| <b>Total</b>         | <b>160,383</b>          | <b>73,767</b>                              | <b>-</b>                           | <b>9,657</b>                                   | <b>-</b>                               | <b>5,808</b>                                 | <b>-</b>                             | <b>58,303</b>                                |

Source:

<sup>1</sup> SEMCOG 2050 RDF Community Population, July 2025.<sup>2</sup> St. Clair County Profile, prepared by RRS for Michigan Department of Environment, Great Lakes, and Energy (EGLE). CDPs were removed as SEMCOG did not include them in population projections.**Table 3: Estimated Residential Waste Quantity Generated 2025-2050 (tons)**

| Municipality                | Per-Capita Waste Generation (tons) | Waste Quantity Generated (tons) |       |       |       |       |       |
|-----------------------------|------------------------------------|---------------------------------|-------|-------|-------|-------|-------|
|                             |                                    | 2025                            | 2030  | 2035  | 2040  | 2045  | 2050  |
| Algonac                     | 0.48                               | 2,019                           | 2,031 | 2,054 | 2,059 | 2,052 | 1,995 |
| Berlin Township (St. Clair) | 0.47                               | 1,404                           | 1,387 | 1,399 | 1,439 | 1,446 | 1,410 |
| Brockway Township           | 0.48                               | 894                             | 889   | 898   | 907   | 892   | 859   |
| Burtchville Township        | 0.35                               | 1,404                           | 1,402 | 1,385 | 1,436 | 1,442 | 1,405 |
| Capac                       | 0.42                               | 845                             | 848   | 856   | 867   | 877   | 888   |
| Casco Township              | 0.46                               | 1,754                           | 1,737 | 1,755 | 1,790 | 1,771 | 1,737 |
| China Township              | 0.49                               | 1,681                           | 1,690 | 1,727 | 1,768 | 1,759 | 1,707 |
| Clay Township               | 0.21                               | 1,758                           | 1,732 | 1,869 | 1,885 | 1,898 | 1,901 |
| Clyde Township              | 0.39                               | 2,075                           | 2,027 | 2,035 | 2,070 | 2,078 | 2,039 |
| Columbus Township           | 0.44                               | 1,827                           | 1,782 | 1,763 | 1,798 | 1,825 | 1,790 |
| Cottrellville Township      | 0.51                               | 1,659                           | 1,643 | 1,647 | 1,662 | 1,630 | 1,608 |
| East China Township         | 0.50                               | 1,851                           | 1,887 | 1,931 | 1,981 | 1,971 | 1,944 |
| Emmett                      | 0.45                               | 111                             | 107   | 107   | 111   | 110   | 107   |
| Emmett Township             | 0.47                               | 1,029                           | 1,015 | 997   | 1,015 | 1,001 | 970   |
| Fort Gratiot Township       | 0.49                               | 5,717                           | 5,863 | 5,936 | 6,097 | 6,144 | 6,166 |
| Grant Township              | 0.40                               | 688                             | 669   | 684   | 686   | 676   | 663   |
| Greenwood Township          | 0.46                               | 651                             | 660   | 652   | 653   | 619   | 593   |
| Ira Township                | 0.51                               | 2,618                           | 2,638 | 2,646 | 2,695 | 2,667 | 2,616 |
| Kenockee Township           | 0.48                               | 1,118                           | 1,105 | 1,108 | 1,137 | 1,129 | 1,110 |

| Municipality         | Per-Capita Waste Generation (tons) | Waste Quantity Generated (tons) |               |               |               |               |               |
|----------------------|------------------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|
|                      |                                    | 2025                            | 2030          | 2035          | 2040          | 2045          | 2050          |
| Kimball Township     | 0.43                               | 4,187                           | 4,206         | 4,230         | 4,353         | 4,406         | 4,433         |
| Lynn Township        | 0.40                               | 417                             | 399           | 383           | 398           | 400           | 381           |
| Marine City          | 0.50                               | 1,998                           | 2,032         | 2,038         | 2,058         | 2,018         | 1,971         |
| Marysville           | 0.48                               | 4,841                           | 4,873         | 4,957         | 5,108         | 5,061         | 5,004         |
| Memphis (St. Clair)  | 0.49                               | 171                             | 169           | 168           | 172           | 172           | 166           |
| Mussey Township      | 0.45                               | 980                             | 972           | 975           | 970           | 965           | 927           |
| Port Huron           | 0.50                               | 14,353                          | 14,325        | 14,338        | 14,686        | 14,629        | 14,582        |
| Port Huron Township  | 0.48                               | 5,079                           | 5,091         | 5,282         | 5,455         | 5,508         | 5,510         |
| Richmond (St. Clair) | 0.33                               | 1                               | 1             | 1             | 1             | 1             | 1             |
| Riley Township       | 0.46                               | 1,453                           | 1,438         | 1,466         | 1,483         | 1,486         | 1,453         |
| St. Clair            | 0.49                               | 2,753                           | 2,760         | 2,776         | 2,862         | 2,862         | 2,856         |
| St. Clair Township   | 0.49                               | 3,495                           | 3,483         | 3,548         | 3,658         | 3,705         | 3,652         |
| Wales Township       | 0.45                               | 1,391                           | 1,379         | 1,403         | 1,448         | 1,448         | 1,434         |
| Yale                 | 0.58                               | 1,063                           | 1,047         | 1,050         | 1,082         | 1,068         | 1,058         |
| <b>Total</b>         | <b>0.45</b>                        | <b>73,285</b>                   | <b>73,285</b> | <b>74,067</b> | <b>75,790</b> | <b>75,716</b> | <b>74,938</b> |

Table 4: Estimated Residential Recycling Diverted 2025-2050 (tons)

| Municipality                | Per-Capita Recycling Diversion (tons) | Recycling Quantity Diverted (tons) |      |      |      |      |      |
|-----------------------------|---------------------------------------|------------------------------------|------|------|------|------|------|
|                             |                                       | 2025                               | 2030 | 2035 | 2040 | 2045 | 2050 |
| Algonac                     | 0.08                                  | 318                                | 320  | 323  | 324  | 323  | 314  |
| Berlin Township (St. Clair) | 0.03                                  | 100                                | 99   | 100  | 103  | 103  | 101  |
| Brockway Township           | 0.03                                  | 64                                 | 64   | 64   | 65   | 64   | 62   |
| Burtchville Township        | 0.03                                  | 100                                | 100  | 99   | 103  | 103  | 101  |
| Capac                       | 0.03                                  | 60                                 | 60   | 61   | 62   | 63   | 63   |
| Casco Township              | 0.03                                  | 125                                | 124  | 125  | 128  | 127  | 124  |
| China Township              | 0.08                                  | 264                                | 266  | 272  | 278  | 276  | 268  |
| Clay Township               | 0.03                                  | 277                                | 272  | 294  | 297  | 299  | 299  |
| Clyde Township              | 0.03                                  | 149                                | 145  | 146  | 148  | 149  | 146  |
| Columbus Township           | 0.03                                  | 131                                | 128  | 127  | 129  | 131  | 128  |
| Cottrellville Township      | 0.08                                  | 261                                | 259  | 259  | 262  | 257  | 253  |
| East China Township         | 0.08                                  | 292                                | 297  | 304  | 312  | 311  | 306  |
| Emmett                      | 0.03                                  | 8                                  | 7    | 7    | 8    | 8    | 7    |
| Emmett Township             | 0.03                                  | 74                                 | 73   | 72   | 73   | 72   | 70   |
| Fort Gratiot Township       | 0.08                                  | 900                                | 923  | 934  | 960  | 967  | 971  |
| Grant Township              | 0.03                                  | 49                                 | 48   | 49   | 49   | 49   | 48   |
| Greenwood Township          | 0.03                                  | 46                                 | 47   | 47   | 47   | 44   | 42   |
| Ira Township                | 0.08                                  | 412                                | 415  | 417  | 424  | 420  | 412  |

|                      |                                       | Recycling Quantity Diverted (tons) |              |              |              |              |              |
|----------------------|---------------------------------------|------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Municipality         | Per-Capita Recycling Diversion (tons) | 2025                               | 2030         | 2035         | 2040         | 2045         | 2050         |
| Kenockee Township    | 0.03                                  | 80                                 | 79           | 79           | 81           | 81           | 80           |
| Kimball Township     | 0.03                                  | 300                                | 301          | 303          | 311          | 315          | 317          |
| Lynn Township        | 0.03                                  | 30                                 | 29           | 28           | 29           | 29           | 28           |
| Marine City          | 0.08                                  | 314                                | 320          | 321          | 324          | 318          | 310          |
| Marysville           | 0.08                                  | 762                                | 767          | 780          | 804          | 797          | 788          |
| Memphis (St. Clair)  | 0.08                                  | 27                                 | 26           | 26           | 27           | 27           | 26           |
| Mussey Township      | 0.03                                  | 70                                 | 70           | 70           | 70           | 69           | 67           |
| Port Huron           | 0.08                                  | 2,259                              | 2,254        | 2,256        | 2,311        | 2,302        | 2,294        |
| Port Huron Township  | 0.08                                  | 799                                | 801          | 831          | 859          | 867          | 867          |
| Richmond (St. Clair) | 0.00                                  | 0                                  | 0            | 0            | 0            | 0            | 0            |
| Riley Township       | 0.03                                  | 104                                | 103          | 105          | 106          | 106          | 104          |
| St. Clair            | 0.08                                  | 434                                | 435          | 437          | 451          | 451          | 450          |
| St. Clair Township   | 0.08                                  | 550                                | 548          | 558          | 575          | 583          | 575          |
| Wales Township       | 0.03                                  | 100                                | 99           | 100          | 104          | 104          | 103          |
| Yale                 | 0.09                                  | 167                                | 165          | 165          | 170          | 168          | 166          |
| <b>Total</b>         | <b>0.05</b>                           | <b>9,627</b>                       | <b>9,645</b> | <b>9,761</b> | <b>9,993</b> | <b>9,980</b> | <b>9,890</b> |

Table 5: Estimated Residential Organic Material Diverted 2025-2050 (tons)

|                             |                                      | Organics Quantity Diverted (tons) |      |      |      |      |      |
|-----------------------------|--------------------------------------|-----------------------------------|------|------|------|------|------|
| Municipality                | Per-Capita Organics Diversion (tons) | 2025                              | 2030 | 2035 | 2040 | 2045 | 2050 |
| Algonac                     | 0.04                                 | 154                               | 155  | 157  | 158  | 157  | 153  |
| Berlin Township (St. Clair) | 0.04                                 | 118                               | 116  | 117  | 121  | 121  | 118  |
| Brockway Township           | 0.04                                 | 75                                | 75   | 75   | 76   | 75   | 72   |
| Burtchville Township        | 0.03                                 | 118                               | 118  | 117  | 121  | 121  | 118  |
| Capac                       | 0.04                                 | 71                                | 72   | 72   | 73   | 74   | 75   |
| Casco Township              | 0.04                                 | 147                               | 146  | 147  | 150  | 149  | 146  |
| China Township              | 0.04                                 | 129                               | 129  | 132  | 135  | 135  | 131  |
| Clay Township               | 0.02                                 | 134                               | 132  | 142  | 143  | 144  | 145  |
| Clyde Township              | 0.03                                 | 174                               | 170  | 171  | 174  | 175  | 171  |
| Columbus Township           | 0.04                                 | 154                               | 150  | 149  | 152  | 154  | 151  |
| Cottrellville Township      | 0.04                                 | 126                               | 125  | 125  | 126  | 124  | 122  |
| East China Township         | 0.04                                 | 141                               | 144  | 147  | 151  | 150  | 148  |
| Emmett                      | 0.04                                 | 10                                | 9    | 9    | 10   | 9    | 9    |
| Emmett Township             | 0.04                                 | 86                                | 85   | 84   | 85   | 84   | 81   |
| Fort Gratiot Township       | 0.04                                 | 437                               | 448  | 453  | 466  | 469  | 471  |
| Grant Township              | 0.03                                 | 58                                | 56   | 58   | 58   | 57   | 56   |
| Greenwood Township          | 0.04                                 | 55                                | 56   | 55   | 55   | 52   | 50   |

| Municipality         | Per-Capita<br>Organics Diversion<br>(tons) | Organics Quantity Diverted (tons) |              |              |              |              |              |
|----------------------|--------------------------------------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|
|                      |                                            | 2025                              | 2030         | 2035         | 2040         | 2045         | 2050         |
| Ira Township         | 0.04                                       | 200                               | 201          | 202          | 206          | 204          | 200          |
| Kenockee Township    | 0.04                                       | 94                                | 93           | 93           | 95           | 95           | 93           |
| Kimball Township     | 0.04                                       | 352                               | 353          | 355          | 366          | 370          | 372          |
| Lynn Township        | 0.03                                       | 35                                | 33           | 32           | 33           | 33           | 32           |
| Marine City          | 0.04                                       | 153                               | 155          | 156          | 157          | 154          | 151          |
| Marysville           | 0.04                                       | 370                               | 372          | 379          | 390          | 387          | 382          |
| Memphis (St. Clair)  | 0.04                                       | 13                                | 13           | 13           | 13           | 13           | 13           |
| Mussey Township      | 0.04                                       | 83                                | 82           | 82           | 82           | 82           | 78           |
| Port Huron           | 0.04                                       | 1,095                             | 1,093        | 1,094        | 1,121        | 1,116        | 1,113        |
| Port Huron Township  | 0.04                                       | 388                               | 389          | 403          | 417          | 421          | 421          |
| Richmond (St. Clair) | 0.00                                       | 0                                 | 0            | 0            | 0            | 0            | 0            |
| Riley Township       | 0.04                                       | 123                               | 121          | 124          | 125          | 125          | 123          |
| St. Clair            | 0.04                                       | 210                               | 211          | 212          | 218          | 218          | 218          |
| St. Clair Township   | 0.04                                       | 266                               | 265          | 270          | 279          | 282          | 278          |
| Wales Township       | 0.04                                       | 117                               | 116          | 118          | 122          | 122          | 120          |
| Yale                 | 0.04                                       | 81                                | 79           | 80           | 82           | 81           | 80           |
| <b>Total</b>         | <b>0.04</b>                                | <b>5,767</b>                      | <b>5,766</b> | <b>5,826</b> | <b>5,961</b> | <b>5,955</b> | <b>5,893</b> |

## **APPENDIX B: INVENTORIED DIVERSION AND DISPOSAL FACILITIES**

| <b>Name</b>                                                       | <b>Address</b>                           | <b>Latitude, Longitude<sup>1</sup></b> | <b>Approximate Facility Size (ac)<sup>2</sup></b>   | <b>Facility Type / Technology Type (If Available)</b>                               | <b>Materials Managed<sup>1</sup></b>                           | <b>Estimated Capacity (Most Recent Year Available)<sup>1,3</sup></b> | <b>Deficiencies Identified</b>                             |
|-------------------------------------------------------------------|------------------------------------------|----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|
| 3490 Fruit Road LLC                                               | 3490 Fruit Road, Algonac, MI             | 42.625, -82.56028                      | 16                                                  | Compost                                                                             | Yard Clippings                                                 | 80 CY (2018)                                                         | Composting Registration Expired                            |
| Indian Summer Recycling, Inc. <sup>5</sup>                        | 5877 Bethuy Road, Casco Township, MI     | 42.72622, -82.71021                    | 28 ac total, 25 ac active compost area              | Compost / Windrow                                                                   | Yard Clippings (Brush, Garden Debris, Grass Clippings, Leaves) | 150,000 CY                                                           | Composting Registration Expired                            |
| S A Torello-Dove Road                                             | 3500 Dove Road, Port Huron, MI           | 42.95344, -82.46901                    | 29                                                  | Compost                                                                             | Yard Clippings                                                 | 2,660 CY (2021)                                                      | Composting Registration Expired                            |
| Techni-Comp                                                       | 4152 Dove Road, Port Huron, MI           | 42.95702, -82.48828                    | 8                                                   | Compost (Yard Waste), Transfer Station                                              | Yard Clippings                                                 | 20,080 CY (2019)                                                     | Composting Registration Expired                            |
| S A Torello-Eckles Road Pit                                       | Eckles Rd and Lapeer Rd, Port Huron, MI  | 42.98, -82.63111                       | 110                                                 | Compost                                                                             | Yard Clippings                                                 | 0 CY (2021)                                                          | Composting Registration Expired                            |
| S A Torello-Flinchbaugh Road Pit <sup>5</sup>                     | I-69 and Taylor Road, Port Huron, MI     | 42.982150, -82.57556                   | 40 ac total, 15 ac active compost area              | Compost / Windrow                                                                   | Yard Clippings (Brush, Garden Debris, Grass Clippings, Leaves) | 10,940 CY (2025)                                                     | Not included on EGLE's Materials Management Facilities map |
| Smiths Creek Landfill                                             | 6779 Smiths Creek Road, Smiths Creek, MI | 42.91753, -82.59256                    | 250                                                 | Waste Diversion Center for source-separated recycling and construction & demolition | Paper, Plastic, Tin and aluminum cans                          | Not tracked                                                          | None identified                                            |
| Emterra Environmental Usa Corp, Db a Port Huron Transfer Facility | 4132 Dove Road, Port Huron, MI           | 42.95102, -82.4861                     | 5                                                   | Transfer Station-Type A                                                             | MSW                                                            | Not available on EGLE Waste System Data                              | None Identified                                            |
| Smiths Creek/St Clair Landfill <sup>6</sup>                       | 6779 Smiths Creek Road, Smiths Creek, MI | 42.91753, -82.59256                    | 265 ac total, 163 ac permitted, 8 ac operating area | Type II MSW Landfill                                                                | Commercial, Construction and Demolition, Contaminated Soil,    | 27,043,819 CY (2025)                                                 | None Identified                                            |

| Name                                        | Address                                      | Latitude, Longitude <sup>1</sup> | Approximate Facility Size (ac) <sup>2</sup>                                                                       | Facility Type / Technology Type (If Available) | Materials Managed <sup>1</sup>                                                                                    | Estimated Capacity (Most Recent Year Available) <sup>1,3</sup>                                                    | Deficiencies Identified                                                          |
|---------------------------------------------|----------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                             |                                              |                                  |                                                                                                                   |                                                | Industrial, Residential, Special Waste                                                                            |                                                                                                                   |                                                                                  |
| DTE Co Range Rd Ash Disposal <sup>4,6</sup> | 3600 Range Road, Saint Clair, MI             | 42.79831, -82.49372              | 514 ac total, 448 ac permitted, 47 ac operating area                                                              | Coal Ash Landfill                              | Industrial Waste - Coal Ash                                                                                       | 16,000,000 CY (2025)                                                                                              | None Identified                                                                  |
| Prestolite Wire Corp                        | 3529 24 <sup>th</sup> Street, Port Huron, MI | 42.94325, -82.45163              | 20                                                                                                                | Treatment Storage Disposal                     | Hazardous Waste/Liquid Industrial Waste                                                                           | Not available on EGLE Waste System Data                                                                           | None Identified                                                                  |
| Intertape Polymer Corporation               | 317 Kendall St, Marysville, MI               | 42.88468, -82.48234              | 30                                                                                                                | Treatment Storage Disposal                     | Liquid Industrial Waste                                                                                           | Not available on EGLE Waste System Data                                                                           | None Identified                                                                  |
| Dana Incorporated                           | 2020 Christian B Haas Dr, St Clair, MI       | 42.84327, -82.49605              | 55                                                                                                                | Recycling                                      | Not available on EGLE Waste System Data                                                                           | Not available on EGLE Waste System Data                                                                           | Out of business as of 6/4/2026                                                   |
| Jeff's Rubbish Disposal, LLC <sup>7</sup>   | 11114 Burt Road, Emmett, MI                  | 42.986880, -82.76919             | 5                                                                                                                 | Transfer Station                               | Construction and Demolition, MSW                                                                                  | 1,125 CY (2025)                                                                                                   | Not included on EGLE's Michigan Materials Management Facilities map <sup>8</sup> |
| MGM Container Services Co. <sup>7</sup>     | 9571 Marine City Highway, Ira Township, MI   | 42.721600, -82.69308             | Not available on EGLE Waste System Data or EGLE's 2025 Facility Descriptions for Processing and Transfer Facility | Transfer Station                               | Not available on EGLE Waste System Data or EGLE's 2025 Facility Descriptions for Processing and Transfer Facility | Not available on EGLE Waste System Data or EGLE's 2025 Facility Descriptions for Processing and Transfer Facility | Not included on EGLE's Michigan Materials Management Facilities map <sup>8</sup> |

**Notes and Sources:**

General note: Data availability varied by site. Some facilities were included on some EGLE resources (for example, the Michigan Materials Management Facilities Map, Waste System Data, or Facility Descriptions), but not others. The footnotes and links below show the data sources used.

<sup>1</sup> Latitude, longitude, materials managed, estimated capacity, and deficiencies identified are based on the most recent available data in EGLE's Waste System Data (<https://www.egle.state.mi.us/wdsp/AdvancedSearch.aspx>) unless otherwise noted in table note associated with each facility name.

<sup>2</sup> Approximate facility size is based on parcel data from the St. Clair County Public Tax Record Search, if available (<https://www.stclaircounty.org/Offices/443>). Otherwise, assumed site boundaries based on Google Earth review and used Google Earth to estimate acreage.

<sup>3</sup> Estimated capacity shows the most recent available data for material quantities accepted. Capacity has been rounded.

<sup>4</sup> <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Licenses/MMD/Solid-Waste/Range-Road-Landfill.PDF?rev=75804eda55b5405485999550128d573&hash=C8E30D061A225E8E35FA49729EB1C3B6>

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<sup>5</sup> [2025 Facility Descriptions for Composting Facilities](#). Note that data was only available for S A Torello facilities using this resource.

<sup>6</sup> [2025 Facility Descriptions for Landfills](#)

<sup>7</sup> [2025 Facility Descriptions for Processing and Transfer Facility](#)

<sup>8</sup> [Michigan Materials Management Facilities](#)

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**APPENDIX C: MUNICIPAL ORDINANCES (AS OF SEPTEMBER 2026)**