

Manistee-Missaukee-Wexford Multi-County Materials Management Planning Committee

Date: May 28, 2025
Time: 10:00 a.m. – 12:00 p.m.
Location: Manistee County Government Center
Commissioners Room
415 3rd St,
Manistee, MI 49660

PROPOSED AGENDA

- I. Call to Order**
- II. Public Comment**
- III. Approval of Agenda**
- IV. Approval of April 23, 2025 Meeting Minutes**
- V. Materials Management Planning**
 - a. Resident Survey Review**
 - b. Local Units of Government Survey Review**
 - c. Business Survey Review**
 - d. Community Engagement**
- VI. Committee Member Comments**
- VII. Public Comment**
- VIII. Adjourn**

Posted: _____

Signature: _____

Monday, May 19, 2025

To: Antrim, Charlevoix, and Manistee-Missaukee-Wexford Material Management Planning Committees
Fr: Mathew Cooke, Community Planner
Re: Draft MMP Surveys

Attached you will find three surveys – a Materials Management Planning Resident Survey, a MMP Local Units of Government Survey, and a MMP Local Business Survey. As previously mentioned, these surveys will be all inclusive to the region but we will be able to separate out the responses by County, and down to the municipality within the County for the resident survey if desired. Please take a look at the surveys and let me know if you have any questions, comments, revisions, deletions, or clarifications. Also, note the display logic for questions that will trigger based on responses.

MMP Resident Survey

The resident survey is primarily a 24 question multiple choice survey examining existing household practices, barriers, future considerations, and ways to increase interest, which should take about 8 minutes to complete. For the resident survey, we will be able to offer 5 \$50 gift cards to those who complete the survey – presumably one “winner” from each of the Counties we are involved in the MMP process with.

MMP Local Units of Government Survey

The local units of government survey is a 14 question survey that seeks to establish existing services, funding, MMP vision, effectiveness of material management in Counties, and challenges. The survey should take about 7 minutes to respond to and will be sent to our Clerk’s list for all municipalities with a note that whomever is best to respond may do so.

MMP Local Business Survey

The local business survey is a 15 question survey that looks into business sector, estimated recycling to waste rate, what materials are recycled, challenges, and purchased materials. The survey should take about 8 minutes to respond to. This survey will be communicated using local chamber of commerce, economic development organizations, downtown development authorities, local units of government, Northwest Michigan Works!, and others identified.

MMP Resident Survey

Start of Block: Demographics

INTRO Michigan is updating its Materials Management Plans (formerly Solid Waste Plans) by July 2027 to prioritize sustainable practices like recycling and composting, as required by updated state law. This survey will assist the respective Materials Management Planning Committees with updating the plans to ensure proper management of all non-hazardous materials, establish guidelines for facility locations, document existing and future infrastructure needs, and define our community's goals for a more sustainable approach to materials management; more information is available at nwm.org/mmp. Responses to the MMP Resident Survey are confidential and anonymous, and should take about 8 to 10 minutes to complete. If you leave your email to be entered to win 1 of 5 \$50 Gift Cards, it will only be used for that purpose. If there are any questions, you would like a paper copy of the survey, or need any additional assistance, please contact Mathew Cooke, Community Planner at Networks Northwest by email at mathew.cooke@networksnorthwest.org or phone at (231) 929-5056.

Q1 Are you a permanent resident, seasonal resident, or visitor in the Northwest Lower Michigan region? This includes Antrim County, Benzie County, Charlevoix County, Emmet County, Grand Traverse County, Kalkaska County, Leelanau County, Manistee County, Missaukee County, and Wexford County

- ☐ Permanent Resident (1)
- ☐ Seasonal Resident (2)
- ☐ Visitor (3)

Display this question:

If Are you a permanent resident, seasonal resident, or visitor in the Northwest Lower Michigan regio... = Permanent Resident

And Are you a permanent resident, seasonal resident, or visitor in the Northwest Lower Michigan regio... = Seasonal Resident

Q2 What is your County of residence, permanent or seasonal?

- ☐ Antrim County (7)
- ☐ Benzie County (8)
- ☐ Charlevoix County (9)
- ☐ Emmet County (10)
- ☐ Grand Traverse County (11)
- ☐ Kalkaska County (12)
- ☐ Leelanau County (13)
- ☐ Manistee County (14)
- ☐ Missaukee County (15)
- ☐ Wexford County (16)
- ☐ Other - please list (17)

Display this question:

If Are you a permanent resident, seasonal resident, or visitor in the Northwest Lower Michigan regio... = Visitor

Q3 Which counties do you visit most often for business, recreation, or otherwise? Select all that apply.

- ☐ Antrim County (7)
- ☐ Benzie County (8)
- ☐ Charlevoix County (9)
- ☐ Emmet County (10)
- ☐ Grand Traverse County (11)
- ☐ Kalkaska County (12)
- ☐ Leelanau County (13)
- ☐ Manistee County (14)
- ☐ Missaukee County (15)
- ☐ Wexford County (16)
- ☐ Other - please list (17)

Display this question:

If What is your County of residence, permanent or seasonal? = Antrim County

Q2A Which Antrim County municipality do you reside in?

- ☐ Banks Township (1)
- ☐ Central Lake Township (2)
- ☐ Chestonia Township (3)
- ☐ Custer Township (4)
- ☐ Echo Township (5)
- ☐ Elk Rapids Township (6)
- ☐ Forest Home Township (7)
- ☐ Helena Township (8)
- ☐ Jordan Township (9)
- ☐ Kearney Township (10)
- ☐ Mancelona Township (11)
- ☐ Milton Township (12)
- ☐ Star Township (13)
- ☐ Torch Lake Township (14)
- ☐ Warner Township (15)
- ☐ Village of Bellaire (16)
- ☐ Village of Central Lake (17)
- ☐ Village of Elk Rapids (18)
- ☐ Village of Ellsworth (19)
- ☐ Village of Mancelona (20)
- ☐ Unsure (21)

Display this question:

If What is your County of residence, permanent or seasonal? = Charlevoix County

Q2B What Charlevoix County municipality do you reside in?

- ☐ Bay Township (1)
- ☐ Boyne Valley Township (2)
- ☐ Chandler Township (3)
- ☐ Charlevoix Township (4)
- ☐ Evangeline Township (5)
- ☐ Eveline Township (6)
- ☐ Hayes Township (7)
- ☐ Hudson Township (8)
- ☐ Marion Township (9)
- ☐ Melrose Township (10)
- ☐ Norwood Township (11)
- ☐ Peaine Township (12)
- ☐ St. James Township (13)
- ☐ South Arm Township (14)
- ☐ Wilson Township (15)
- ☐ Village of Boyne Falls (16)
- ☐ City of Boyne City (17)
- ☐ City of East Jordan (18)
- ☐ City of Charlevoix (19)
- ☐ Unsure (20)

Display this question:

If What is your County of residence, permanent or seasonal? = Manistee County

Q2C What Manistee County municipality do you reside in?

- ☐ Arcadia Township (1)
- ☐ Bear Lake Township (2)
- ☐ Brown Township (3)
- ☐ Cleon Township (4)
- ☐ Dickson Township (5)
- ☐ Filer Township (6)
- ☐ Manistee Township (7)
- ☐ Maple Grove Township (8)
- ☐ Marilla Township (9)
- ☐ Norman Township (10)
- ☐ Onekama Township (11)
- ☐ Pleasanton Township (12)
- ☐ Springdale Township (13)
- ☐ Stronach Township (14)
- ☐ City of Manistee (15)
- ☐ Village of Bear Lake (16)
- ☐ Village of Copemish (17)
- ☐ Village of East Lake (18)
- ☐ Village of Kaleva (19)
- ☐ Village of Onekema (20)
- ☐ Unsure (21)

Display this question:

If What is your County of residence, permanent or seasonal? = Missaukee County

Q2D What Missaukee County municipality do you reside in?

- ☐ Aetna Township (1)
- ☐ Bloomfield Township (2)
- ☐ Butterfield Township (3)
- ☐ Caldwell Township (4)
- ☐ Clam Union Township (5)
- ☐ Enterprise Township (6)
- ☐ Forest Township (7)
- ☐ Holland Township (8)
- ☐ Lake Township (9)
- ☐ Norwich Township (10)
- ☐ Pioneer Township (11)
- ☐ Reeder Township (12)
- ☐ Richland Township (13)
- ☐ Riverside Township (14)
- ☐ West Branch Township (15)
- ☐ City of McBain (16)
- ☐ City of Lake City (17)
- ☐ Unsure (18)

Display this question:

If What is your County of residence, permanent or seasonal? = Wexford County

Q2E What Wexford County municipality do you reside in?

- ☐ Antioch Township (1)
- ☐ Boon Township (2)
- ☐ Cedar Creek Township (3)
- ☐ Cherry Grove Township (4)
- ☐ Clam Lake Township (5)
- ☐ Colfax Township (6)
- ☐ Greenwood Township (7)
- ☐ Hanover Township (8)
- ☐ Haring Township (9)
- ☐ Henderson Township (10)
- ☐ Liberty Township (11)
- ☐ Selma Township (12)
- ☐ Slagle Township (13)
- ☐ South Branch Township (14)
- ☐ Springville Township (15)
- ☐ Wexford Township (16)
- ☐ City of Cadillac (17)
- ☐ City of Manton (18)
- ☐ Village of Mesick (19)
- ☐ Village of Harrietta (20)
- ☐ Village of Buckley (21)

☐ Unsure (22)

Q4 How long have you lived at your primary residence?

☐ Less than 1 year (1)

☐ 1 to 3 years (2)

☐ 3 to 5 years (3)

☐ 5 to 10 years (4)

☐ 10 plus years (5)

End of Block: Demographics

Start of Block: Block 1

Q5 Does your household currently participate in recycling?

☐ Yes (1)

☐ No (2)

Skip To: Q5B If Does your household currently participate in recycling? = No

Display this question:

If Does your household currently participate in recycling? = Yes

Q5A If yes, what types of materials do you typically recycle at home? Select all that apply.

- ☐ Paper (1)
 - ☐ Cardboard (2)
 - ☐ Plastic bottles & jugs (3)
 - ☐ Plastic tubs & containers (4)
 - ☐ Glass bottles & jars (5)
 - ☐ Metal cans (6)
 - ☐ Food Scraps (7)
 - ☐ Textiles (8)
 - ☐ Other (please specify) (9)
-

Q6 What are your main reasons for recycling?

- ☐ Click to write Choice 1 (1)
 - ☐ Click to write Choice 2 (2)
 - ☐ Click to write Choice 3 (3)
-

Q7 How is your recycling collected?

- ☐ Curbside pick-up (1)
- ☐ Drop-off Center (2)
- ☐ Private Service (3)
- ☐ Other (please list) (4) _____

Q5B If you don't recycle, would you be interested in increased recycling availability?

- ☐ Yes (1)
 - ☐ Maybe (2)
 - ☐ No (3)
-

Q8 Are there barriers that prevent you from recycling? Select all that apply.

- ☐ Costs (1)
 - ☐ Lack of curbside recycling (2)
 - ☐ Location of drop-off sites (3)
 - ☐ Don't believe there is value (4)
 - ☐ Too difficult (5)
 - ☐ Other - please list (6) _____
-

Q9 What information or resources about recycling and waste reduction would you find helpful?

- ☐ Clearer Guidelines (1)
 - ☐ Online Resources (2)
 - ☐ Workshops (3)
 - ☐ Community Recycling Events (4)
 - ☐ Other - please list (5) _____
-

Q10 How does your household typically dispose of trash?

☐ Private hauler curbside pickup (1)

☐ Tax paid curbside pickup (2)

☐ Drop-off site (3)

☐ Private service (4)

☐ Other (Please list) (5) _____

Page Break

Q11 If composting programs are available, do you participate?

- ☐ Yes (1)
- ☐ No (2)
- ☐ I don't know if compost programs are available (3)

Display this question:

If If composting programs are available, do you participate? = Yes

Q11A How do you compost? Select all that apply.

- ☐ Compost at home (1)
- ☐ Community compost program (2)
- ☐ Local farm compost (3)
- ☐ Compost Subscription Service (4)
- ☐ Other - Please list (5) _____

Display this question:

If If composting programs are available, do you participate? = No

And If composting programs are available, do you participate? = I don't know if compost programs are available

Q11B If you do not utilize compost programs, what would encourage you to participate in composting ?

- ☐ Affordability (1)
 - ☐ Access (2)
 - ☐ Click to write Choice 2 (3)
 - ☐ Click to write Choice 3 (4)
-

Q12 Are the rules and guidelines clear for recycling in your community clear?

- ☐ Yes (1)
 - ☐ No (2)
 - ☐ Unsure (3)
-

Q13 Do you know what recycling items are not accepted by your local program?

- ☐ Yes (1)
 - ☐ No (2)
 - ☐ Unsure (3)
-

Q14 Are there any specific types of waste or materials that you find particularly difficult to recycle or dispose of properly? Please list all.

Q15 How important do you believe recycling is for our communities, environment, and natural resource?

- ☐ Not at all important (1)
- ☐ Slightly important (2)
- ☐ Moderately important (3)
- ☐ Very important (4)
- ☐ Extremely important (5)

Q16 How important is it for our community to reduce the amount of waste going into landfills?

- ☐ Not at all important (1)
- ☐ Slightly important (2)
- ☐ Moderately important (3)
- ☐ Very important (4)
- ☐ Extremely important (5)

Q17 What ways could our communities be doing a better job of managing waste and resources?

- ☐ Reducing waste (1)
- ☐ Reusing items (2)
- ☐ Composting more (3)

Q18 What services would you like to see offered in your community?

- ☐ Subscription Compost Program (1)
- ☐ Increased recycling access (2)

Q19 How interested are you in learning more about materials management, recycling, and waste management in your community?

- ☐ Not interesting at all (1)
- ☐ Slightly interesting (2)
- ☐ Moderately interesting (3)
- ☐ Very interesting (4)
- ☐ Extremely interesting (5)

Q20 Are there any other considerations in regards to materials management planning that should be examined?

Page Break

Q21 What age range do you fall into?

- ☐ Under 18 (1)
 - ☐ 18 - 24 (2)
 - ☐ 25 - 34 (3)
 - ☐ 35 - 44 (4)
 - ☐ 45 - 54 (5)
 - ☐ 55 - 64 (6)
 - ☐ 65 - 74 (7)
 - ☐ 75 - 84 (8)
 - ☐ 85 or older (9)
 - ☐ Prefer not to say (10)
-

Q22 Which of the following describes the number of people, including yourself, living in your household?

- ☐ 1 (1)
 - ☐ 2 (2)
 - ☐ 3 (3)
 - ☐ 4 (4)
 - ☐ 5 (5)
 - ☐ 6 or more (6)
-

Q23 Which of the following best describes your total annual household income?

- ☐ Under \$30,000 (1)
- ☐ \$30,000 to \$49,999 (2)
- ☐ \$50,000 to \$69,999 (3)
- ☐ \$70,000 to \$89,999 (4)
- ☐ \$90,000 to \$109,999 (5)
- ☐ \$110,000 to \$129,999 (6)
- ☐ \$130,000 to \$149,999 (7)
- ☐ \$150,000 to \$169,999 (8)
- ☐ \$170,000 to \$189,999 (9)
- ☐ \$190,000 to \$199,999 (10)
- ☐ \$200,000 and over (11)

Q24 Please leave your email if you would like to be entered to win 1 of 5 \$50 Gift Cards.

End of Block: Block 1

MMP LUGs Survey

Start of Block: Default Question Block

Intro Michigan is updating its Materials Management Plans (formerly Solid Waste Plans) by July 2027 to prioritize sustainable practices like recycling and composting, as required by updated state law. This survey will assist the respective Materials Management Planning Committees with updating the plans to ensure proper management of all non-hazardous materials, establish guidelines for facility locations, document existing and future infrastructure needs, and define our community's goals for a more sustainable approach to materials management; more information is available at nwm.org/mmp. Responses to the MMP Local Units of Government Survey are confidential and anonymous, and should take about 8 to 10 minutes to complete. If you supply an email, it will only be used for the purpose of the response. If there are any questions, you would like a paper copy of the survey, or need any additional assistance, please contact Mathew Cooke, Community Planner at Networks Northwest by email at mathew.cooke@networksnorthwest.org or phone at (231) 929-5056.

End of Block: Default Question Block

Start of Block: Block 1

Q1 What County is your municipality located in?

- ☐ Antrim County (11)
- ☐ Benzie County (12)
- ☐ Charlevoix County (13)
- ☐ Emmet County (14)
- ☐ Grand Traverse County (15)
- ☐ Kalkaska County (16)
- ☐ Leelanau County (17)
- ☐ Manistee County (18)
- ☐ Missaukee County (19)
- ☐ Wexford County (20)
- ☐ Other - Please list (21) _____

Display this question:

If What County is your municipality located in? = Antrim County

Q1A Which Antrim municipality do you represent?

- ☐ Banks Township (1)
- ☐ Central Lake Township (2)
- ☐ Chestonia Township (3)
- ☐ Custer Township (4)
- ☐ Echo Township (5)
- ☐ Elk Rapids Township (6)
- ☐ Forest Home Township (7)
- ☐ Helena Township (8)
- ☐ Jordan Township (9)
- ☐ Kearney Township (10)
- ☐ Mancelona Township (11)
- ☐ Milton Township (12)
- ☐ Star Township (13)
- ☐ Torch Lake Township (14)
- ☐ Warner Township (15)
- ☐ Village of Bellaire (16)
- ☐ Village of Central Lake (17)
- ☐ Village of Elk Rapids (18)
- ☐ Village of Ellsworth (19)
- ☐ Village of Mancelona (20)
- ☐ Antrim County (21)

Display this question:

If What County is your municipality located in? = Charlevoix County

Q1B Which Charlevoix municipality do you represent?

- ☐ Bay Township (1)
- ☐ Boyne Valley Township (2)
- ☐ Chandler Township (3)
- ☐ Charlevoix Township (4)
- ☐ Evangeline Township (5)
- ☐ Eveline Township (6)
- ☐ Hayes Township (7)
- ☐ Hudson Township (8)
- ☐ Marion Township (9)
- ☐ Melrose Township (10)
- ☐ Norwood Township (11)
- ☐ Peaine Township (12)
- ☐ St. James Township (13)
- ☐ South Arm Township (14)
- ☐ Wilson Township (15)
- ☐ Village of Boyne Falls (16)
- ☐ City of Boyne City (17)
- ☐ City of East Jordan (18)
- ☐ City of Charlevoix (19)
- ☐ Charlevoix County (20)

Display this question:

If What County is your municipality located in? = Manistee County

Q1C Which Manistee municipality do you represent?

- ☐ Arcadia Township (1)
- ☐ Bear Lake Township (2)
- ☐ Brown Township (3)
- ☐ Cleon Township (4)
- ☐ Dickson Township (5)
- ☐ Filer Township (6)
- ☐ Manistee Township (7)
- ☐ Maple Grove Township (8)
- ☐ Marilla Township (9)
- ☐ Norman Township (10)
- ☐ Onekama Township (11)
- ☐ Pleasanton Township (12)
- ☐ Springdale Township (13)
- ☐ Stronach Township (14)
- ☐ City of Manistee (15)
- ☐ Village of Bear Lake (16)
- ☐ Village of Copemish (17)
- ☐ Village of East Lake (18)
- ☐ Village of Kaleva (19)
- ☐ Village of Onekema (20)
- ☐ Manistee County (21)

Display this question:

If What County is your municipality located in? = Missaukee County

Q1D Which Missaukee municipality do you represent?

- ☐ Aetna Township (1)
- ☐ Bloomfield Township (2)
- ☐ Butterfield Township (3)
- ☐ Caldwell Township (4)
- ☐ Clam Union Township (5)
- ☐ Enterprise Township (6)
- ☐ Forest Township (7)
- ☐ Holland Township (8)
- ☐ Lake Township (9)
- ☐ Norwich Township (10)
- ☐ Pioneer Township (11)
- ☐ Reeder Township (12)
- ☐ Richland Township (13)
- ☐ Riverside Township (14)
- ☐ West Branch Township (15)
- ☐ City of McBain (16)
- ☐ City of Lake City (17)
- ☐ Missaukee County (18)

Display this question:

If What County is your municipality located in? = Wexford County

Q1E Which Wexford municipality do you represent?

- ☐ Antioch Township (1)
- ☐ Boon Township (2)
- ☐ Cedar Creek Township (3)
- ☐ Cherry Grove Township (4)
- ☐ Clam Lake Township (5)
- ☐ Colfax Township (6)
- ☐ Greenwood Township (7)
- ☐ Hanover Township (8)
- ☐ Haring Township (9)
- ☐ Henderson Township (10)
- ☐ Liberty Township (11)
- ☐ Selma Township (12)
- ☐ Slagle Township (13)
- ☐ South Branch Township (14)
- ☐ Springville Township (15)
- ☐ Wexford Township (16)
- ☐ City of Cadillac (17)
- ☐ City of Manton (18)
- ☐ Village of Mesick (19)
- ☐ Village of Harrietta (20)
- ☐ Village of Buckley (21)

☐ Wexford County (22)

Q2 What best describes your role with your community?

☐ Supervisor (1)

☐ Mayor (2)

☐ Clerk (3)

☐ Resource Recovery/Recycling Director, or the like (4)

☐ Trustee (5)

☐ Other - Please list (6) _____

Q3 What types of materials management programs or services are currently implemented or supported by your county? (e.g., curbside recycling, drop-off centers, composting initiatives, household hazardous waste collection, public education campaigns)

☐ Curbside recycling (1)

☐ Recycling drop-off center (2)

☐ Composting (3)

☐ Household Hazardous Waste (HHW) Collection (4)

☐ Public education events (5)

☐ Other - Please list (6) _____

Q4 How would you rate the effectiveness of the current materials management infrastructure and services within your County?

- ☐ Extremely effective (1)
 - ☐ Very effective (2)
 - ☐ Moderately effective (3)
 - ☐ Slightly effective (4)
 - ☐ Not effective at all (5)
-

Q5 What do you believe are the biggest materials management challenges facing your Community/County?

- ☐ Infrastructure (1)
 - ☐ Limited landfill capacities (2)
 - ☐ Recycling contamination (3)
 - ☐ Educational awareness (4)
 - ☐ Public participation (5)
 - ☐ Lack of end markets (6)
 - ☐ State and local regulations (7)
 - ☐ Other - please list (8) _____
-

Q6 How well are different types of materials currently managed within your county?

	Excellent (1)	Good (2)	Average (3)	Poor (4)	Terrible (5)
Paper (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Plastics (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Glass (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metals (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Construction Debris (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Waste (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mattresses (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tires (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Household Hazardous Waste (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prescription Drugs (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q7 What should be the primary focus of the updated State Materials Management Plan from your county's perspective? An example could be increased recycling participation and access within the County.



Q8 Which of the following areas should receive the most attention in the updated State plan to best support your county's materials management efforts? (Select top three)

- ☐ Funding for infrastructure development in your county (1)
- ☐ State-level public education and outreach resources (2)
- ☐ Clearer State policies and regulations (3)
- ☐ Market development initiatives for recycled materials relevant to your county (4)
- ☐ Guidance and resources for prevention and waste reduction programs (5)
- ☐ Support for reducing contamination in recycling in your county (6)
- ☐ Others - Please list (7)

Q9 What types of infrastructure investments are most needed in your county to improve materials management? Select all that apply.

- ☐ Funding for local recycling facilities (1)
- ☐ Composting sites (2)
- ☐ Collection equipment (3)
- ☐ Transfer stations (4)
- ☐ Landfill (5)
- ☐ Other - Please list (6)

Q10 Do you see value in pursuing the opportunity for region-wide collection of household hazardous waste year round or a single contract for collection events? Select all that apply.

- ☐ Both year round collection and single contract (1)
 - ☐ Year round collection (2)
 - ☐ Single collection (3)
 - ☐ Neither (4)
-

Q11 What are the most effective ways to educate the public within your county about proper recycling and waste reduction practices? Select all that apply.

- ☐ Providing standardized materials (1)
 - ☐ Funding local campaigns (2)
 - ☐ Increased community recycling events (3)
 - ☐ Other - Please list (4)
-

Q12 Do you know where your recycled materials end up?

- ☐ Yes (1)
 - ☐ No (2)
 - ☐ Unsure (3)
-

Display this question:

If Do you know where your recycled materials end up? = Yes

Q12A If yes, could you please list where they end up? (such as a recycling end-market organization or Emmet County Materials Recovery Facility (MRF))

Q13 How does your community currently pay for recycling? Select all that apply.

- ☐ Recycling Millage (1)
- ☐ PA 69 Funding (2)
- ☐ Taxes (3)
- ☐ County Funding (4)
- ☐ Other - please list (5) _____

Q14 Is there anything else you would like us to know about materials management?

End of Block: Block 1

MMP Business Survey

Start of Block: Default Question Block

INTRO Michigan is updating its Materials Management Plans (formerly Solid Waste Plans) by July 2027 to prioritize sustainable practices like recycling and composting, as required by updated state law. This business survey will assist the respective Materials Management Planning Committees with updating the plans to ensure proper management of all non-hazardous materials, establish guidelines for facility locations, document existing and future infrastructure needs, and define our community's goals for a more sustainable approach to materials management; more information is available at nwm.org/mmp Responses to the MMP Business Survey are confidential and anonymous, and should take about 8 to 10 minutes to complete. If there are any questions, you would like a paper copy of the survey, or need any additional assistance, please contact Mathew Cooke, Community Planner at Networks Northwest by email at mathew.cooke@networksnorthwest.org or phone at (231) 929-5056.

Q1 What County does your business primarily operate in?

- ☐ Antrim County (1)
 - ☐ Benzie County (2)
 - ☐ Charlevoix County (3)
 - ☐ Emmet County (4)
 - ☐ Grand Traverse County (5)
 - ☐ Kalkaska County (6)
 - ☐ Leelanau County (7)
 - ☐ Manistee County (8)
 - ☐ Missaukee County (9)
 - ☐ Wexford County (10)
 - ☐ Other - Please list (11) _____
-

Q2 What sector best describes your primary business activity?

- ☐ Retail (1)
- ☐ Manufacturing (2)
- ☐ Service Industry (e.g., hospitality, healthcare, professional services) (3)
- ☐ Food Service (4)
- ☐ Construction (5)
- ☐ Agriculture (6)
- ☐ Education (7)
- ☐ Other - please specify (8)

Q3 Approximately how much total non-hazardous waste does your business generate on average per week?

- ☐ Less than 50 lbs (1)
- ☐ 50 - 200 lbs (2)
- ☐ 201 - 500 lbs (3)
- ☐ 501 - 1000 lbs (4)
- ☐ More than 1000 lbs (5)
- ☐ Unsure (6)

Q4 Could you estimate your business recycling to waste rate? (i.e. 50% recycling to 50% trash)

Estimated Recycling to Waste Rate ()



Q5 Which of the following materials does your business currently separate for recycling? (Select all that apply)

- ☐ Cardboard (1)
- ☐ Paper (mixed, office, newspaper) (2)
- ☐ Plastics (bottles, containers, film) (3)
- ☐ Glass (4)
- ☐ Metals (aluminum, steel) (5)
- ☐ Food Waste (6)
- ☐ Other - please specify (7)
- ☐ We do not currently separate materials for recycling (8)

Q6 Does your business currently participate in any composting or organic waste diversion programs?

- ☐ Yes (1)
- ☐ No (2)
- ☐ We are exploring options (3)

Q7 How is your business non-hazardous waste recycling picked up?

- ☐ Collection by private hauler (1)
 - ☐ Paid services to business who manage recycled materials (2)
 - ☐ Drop-off at transfer station (3)
 - ☐ We do not recycle (4)
-

Q8 What are the primary methods your business currently uses for the disposal of non-recyclable/non-compostable waste? (Select all that apply)

- ☐ Collection by a private waste hauler (1)
 - ☐ Drop-off at a transfer station or landfill (2)
 - ☐ Other (3)
 - ☐ Unsure (4)
-

Q9 Does your business currently have any specific goals or initiatives related to reducing waste generation or increasing recycling/composting rates?

- ☐ Yes (Please briefly describe: _____) (1)
 - ☐ No (2)
 - ☐ We are considering setting goals in the future. (3)
-

Q10 What are the biggest challenges your business faces in implementing or expanding sustainable materials management practices (e.g., recycling, composting)? (Select all that apply)

- ☐ Cost of implementation or service fees (1)
 - ☐ Lack of space for storage or sorting (2)
 - ☐ Insufficient information or resources (3)
 - ☐ Lack of employee engagement or training (4)
 - ☐ Logistical challenges with collection or processing (5)
 - ☐ Other (Please specify: _____) (6)
 - ☐ We do not currently face significant challenges. (7)
-

Q11 Is your business interested in learning more about or participating in local programs or initiatives that support business recycling, composting, or waste reduction?

- ☐ Yes, very interested (1)
 - ☐ Yes, somewhat interested (2)
 - ☐ Not currently interested (3)
 - ☐ Unsure (4)
-

Q12 Does your business anticipate any significant changes in the types or volumes of materials it generates in the next 3-5 years?

- ☐ Yes (1)
 - ☐ No (2)
 - ☐ Unsure (3)
-

Display this question:

*If Does your business anticipate any significant changes in the types or volumes of materials it gen...
= Yes*

Q12A If yes, what types of waste do you expect to increase in the next 3-5 years?

Q13 Does your business purchase recycled materials for use?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Unsure (3)

Display this question:

If Does your business purchase recycled materials for use? = Yes

Q13A If yes, what typed of recycled materials do you purchase? Select all that apply.

- ☐ Recycled Plastics (1)
 - ☐ Recycled Metals (2)
 - ☐ Recycled Paper & Cardboard (3)
 - ☐ Recycled Glass (4)
 - ☐ Recycled Textiles (5)
 - ☐ Recycled Rubber (6)
 - ☐ Recycled Wood (7)
 - ☐ Recycled Electronics (8)
 - ☐ Recycled Concrete & Aggregates (9)
 - ☐ Recycled Organics (Compost) (10)
 - ☐ Recycled Oil (11)
 - ☐ Others - Please list (12) _____
-

Q14 How could businesses better engage with the circular economy through re-use of recycled materials? Select all that apply.

- ☐ Use recycled plastic in packaging (1)
 - ☐ Design products that can be easily disassembled and their parts reused or recycled (2)
 - ☐ Offer take-back programs for their products so the materials can be used again (3)
 - ☐ Partner with companies that specialize in processing recycle materials for new applications (4)
 - ☐ Incorporate recycled fabrics into clothing or textiles (5)
 - ☐ Utilize crushed recycled glass in construction materials (6)
 - ☐ Refurbish and resell returned or used products (7)
 - ☐ Use recycled paper and cardboard for office supplies and packaging (8)
 - ☐ Other - Please list (9) _____
-

Q15 Optional: Please provide the name of your business and a contact person/email if you are willing to be contacted for further information or discussion of materials management planning.

- ☐ Business Name (1) _____
- ☐ Contact Person (2) _____
- ☐ Contact Email (3) _____

End of Block: Default Question Block
