



Commissioner Chris Trubac
Barbara Andersen
Nichole Biber
Fred Cowles
Sarah Mullkoff
Claire Nowicki
Matthew Lincoln
Brenda Gray

THE ENVIRONMENTAL AFFAIRS COMMISSION WILL MEET ON MARCH 22, 2023 AT 5:30 PM IN CONFERENCE ROOM D&E OF THE HUMAN SERVICES BUILDING, 5303 S. CEDAR, LANSING.

Agenda

Call to Order

Approval of March 1, 2023 Draft Minutes

Additions to the Agenda

Limited Public Comment

1. Solid Waste Management Plan/Materials Management Plan
 - a. Michigan Recycling Coalition – Kerrin O’Brian (*Presentation*)
2. Michigan Green Communities Program (*Update*)
3. Energy Audit
 - a. Project funding allocation request
 - b. Formal adoption discussion

Announcements

Public Comment

Adjournment

Part 115 & Managing Materials in Michigan



Michigan Recycling Coalition

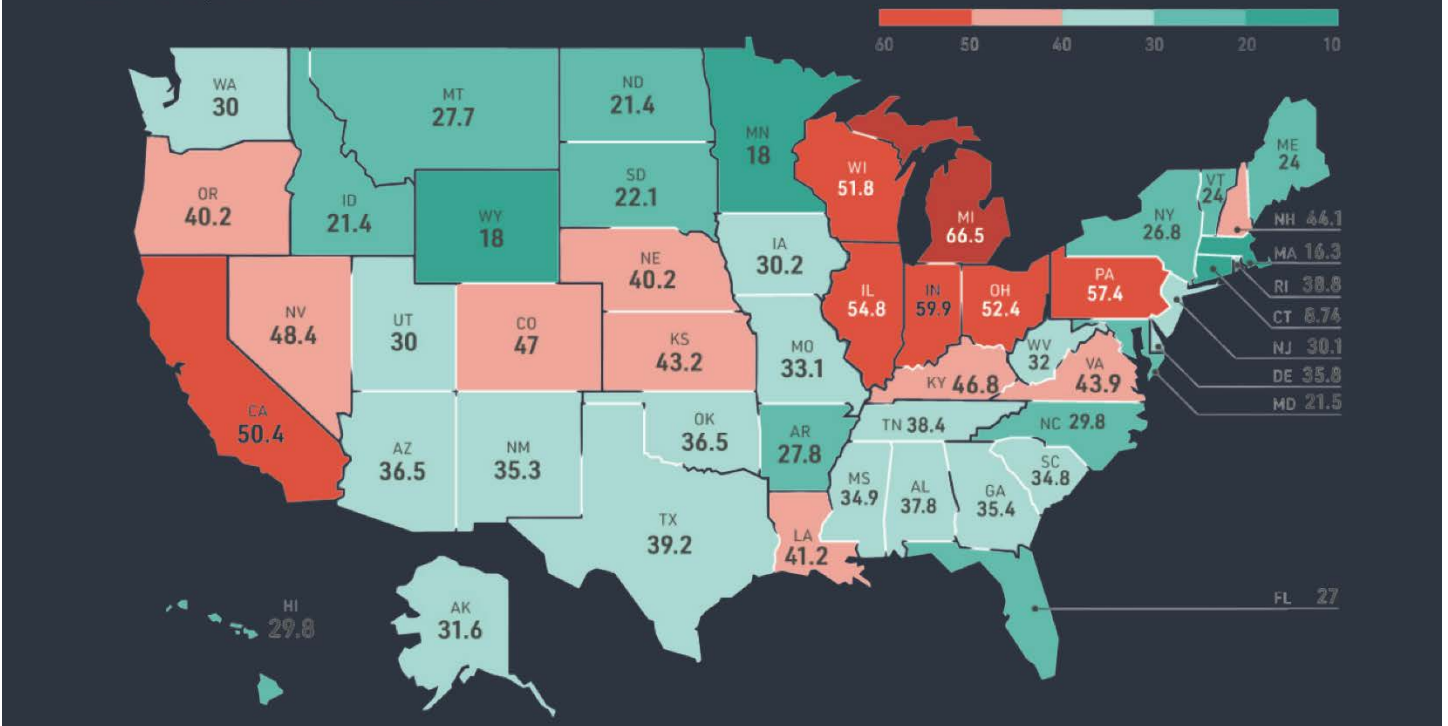
Fostering sustainability by leading, educating, and mobilizing businesses, governments, nonprofits, and individuals to advance their own and collective resource use and recovery initiatives in Michigan.





TONS OF WASTE IN LANDFILLS PER PERSON, BY STATE

Source: EPA, United States Census Bureau



Michiganders
spend \$1B+
to manage waste
each year



We're paying to landfill

\$600M

of material
that could be
recovered for
recycling
each year



Michigan now



Michigan's potential



- 138k employed in recycling
- \$9.08B in annual labor revenue from recycling
- Recycling will create \$33.8B in economic output

Disposal Capacity

County planning has become a way to expand landfills.

Materials Management Capacity

It's time to prioritize productive uses of discarded materials.



GOALS



Remove policy preference for disposal



Assure capacity & siting - zoning & host approval



Preserve local right to limit landfill expansion



Re-engage local governments in planning & programs



Update regulations, tools & fees



Support diversion programming & infrastructure

What do you need to know



Requires counties to have a materials management plan



Local governments participation - majority approval in 120 days - on to EGLE approval



EGLE will call for plans in FY24



Counties will have 6 months to prepare for (CAA, tasks, regional outreach) & submit intent to plan



3-year planning process. Current SWP will be the law of the land until new MMP is approved by EGLE

Pre-Planning Activities

- To plan or not to plan?
- Board of Commissioners (BOC) identify County Approval Agency (CAA)
- Consult adjacent counties
 - Document interaction
 - Develop interlocal agreement for multi-county planning
- Envision the future

Planning

- Once plans are called for, 180 days to submit notice to EGLE
- Once EGLE is notified, 180 days to:
 - Appoint Designated Planning Agency (DPA)
 - Appoint Materials Management Planning Committee (MMPC)
 - Prepare work plan - DPA
 - Approve work plan - MMPC, EGLE

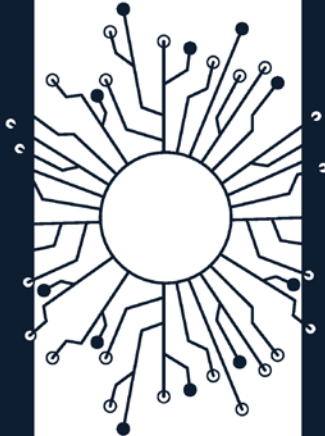
The Plan Will...

IDENTIFY...
all materials management facilities and available capacity



recycling, compost and diversion facilities will now be regulated and have to be consistent with the plan

IDENTIFY...
current and needed materials management and utilization capacity



ESTABLISH...
A current MSW recycling rate



ESTABLISH...
County materials management goals



Document all organic & inorganic diversion goals

Share plans for meeting benchmark standards



The Plan Will...

CONTAIN...

enforceable mechanisms to achieve goals and responsibility for implementation



ENSURE...

all new facilities needed can be sited & developed

local zoning & host comm. approval approach preferred, pre-emption if required



non exclusionary zoning of needed facilities

INCLUDE...



an overview of the transportation infrastructure for all managed materials



DOCUMENT...

an implementation strategy to achieve goals



Funding comes when progress toward goals can be demonstrated

BENCHMARK RECYCLING STANDARDS



EGLE Developing Tools

- Guidance documents
- Plan format, required by law
- Toolbox
 - agreements
 - ordinances
 - recycling guides
 - website resources
 - templates
 - worksheets & info pages



5 Year Cycle of County Funding



Additional **\$10,000/yr** each county participating in **multi-county plans**

Costs of Curbside Collection Services



Average Value of a Ton at Northeast MRFs



Source: Northeast Recycling Council's "Northeast Recycling Market Report"

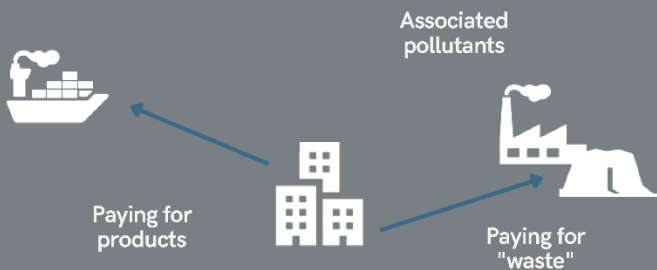
SECURED MARKETS

Promoting a circular economy in Michigan; Alpena Regional MRF Beneficiaries



KEEPING VALUE IN COMMUNITIES

- +Jobs
- +Lower emissions
- +Cleaner communities
- +Local supply chain



Value leaving communities

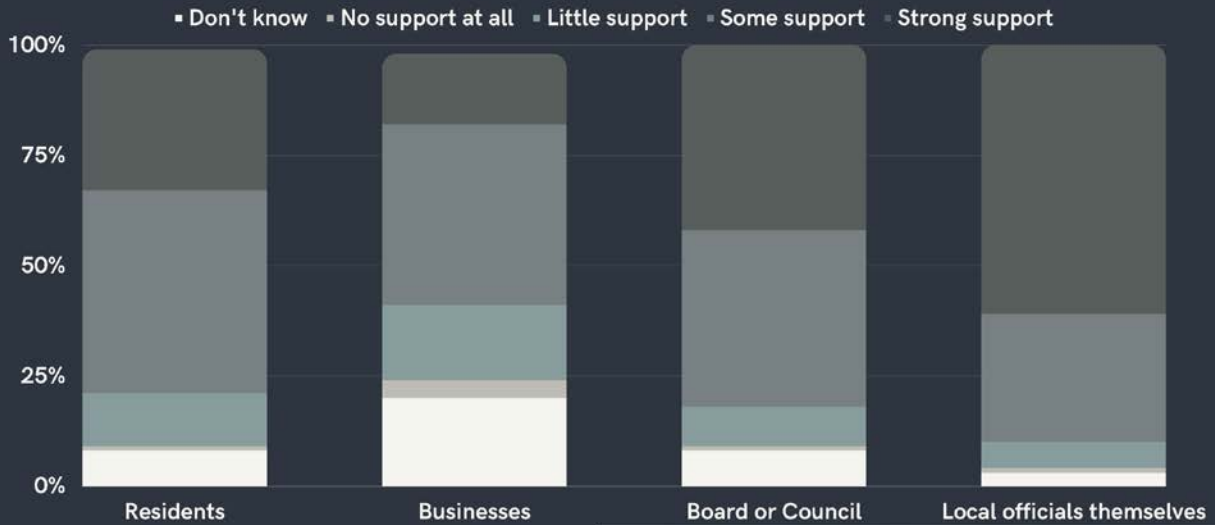


Value building communities



76% believe their residents support local recycling

Whether or not there are recycling services available how much support for local access to recycling, if any, would you say there is among the following groups?



GERALD R. FORD SCHOOL OF PUBLIC POLICY
 CENTER FOR LOCAL, STATE, AND URBAN POLICY
 UNIVERSITY OF MICHIGAN

Recycling Best Practices

- Policies
 - Volume-based pricing, PAYT
- Collection
 - Automated trucks
 - Covered, wheeled carts
 - Waste, recycling & organics
- Education - Very important & everyone's job!
 - Access, clear information, secure high participation
 - Low contamination
- Cooperation and economies of scale are key to cost effective services
- Demand recycled-content packaging and products



On average,
Michigan's
curbside
recycling
programs recycle
226 lbs.
per household
per year

but high participation curbside
programs across the country
recycle

550 lbs.
per household per year



Funding Mechanisms

- Host Community Agreements
 - fees can be imposed on materials managed by facilities to support programs/services
- Public Act 185
 - Public Works Assessment on local parcels
 - No voter approval required
- Public Act 69 & 138
 - With voter approval, winter tax collection from households/businesses up to \$50 annually
 - With voter approval, collect up to \$25 annually from households



Funding Mechanisms

**RECYCLING
AUTHORITIES** & other
intergovernmental &
independent agreements

CONTRACTS to select a
single hauler

MILLAGE by city
or township

SERVICE FEE to offset
or cover service costs

ORDINANCE requiring
private haulers to meet
service requirements



Voter Approved Mechanisms

- **Voter approved millage**
 - Any local unit of government can put a vote to the people to adopt a temporary or permanent millage to fund services
- **Fee**
 - Any local unit of government can put a vote to the people to collect a household fee through property taxes to cover services costs

MAKING THE CASE FOR RECYCLING: A Toolkit for Region 5 Local Governments

- **ACCESS** free tools
- **CUSTOMIZE** ISWM spreadsheet to identify program options
- **TRACK & ANALYZE** integrated solid waste management costs with accounting handbook
- **EXPOSE** hidden costs
- **IDENTIFY** funding sources
- **COMMUNICATE** integrated solid waste management costs to stakeholders & the public



EGLE RECYCLING GRANTS GOALS & TARGETS

- Increase state recycling rate
- Increase access & participation in recycling or food waste diversion
- Increase collection & processing capacity of recyclable/ compostable materials
- Expand Michigan end markets



6 INNOVATION CHALLENGES



DATA & MENTORING RESOURCES



PUBLIC-PRIVATE PARTNERSHIPS



PUBLIC & PRIVATE FUNDING



ECONOMIC ADVANTAGES



EQUITABLE IMPACT



CIRCULAR ECONOMY CREATION



CLIMATE CHANGE REDUCTION

LEARN MORE ABOUT...

History of Recycling

The Recycling Process

Education & Outreach

Collection Options & Markets

Organics, Composting Process, Collections

Laws & Safety

What is Your Plan?

Inputs & Outputs

Marketing Programs

Professional Development



Recycling
MICHIGAN STATE UNIVERSITY



Sign up and learn through the online Recycling Leaders Training



Earn a scholarship to the MRC Annual Conference

...WITH RECYCLING LEADERS TRAINING!



Annual Conference
May 9-11, 2023
Kalamazoo Radisson

Kerrin O'Brien, Executive Director
KOBrien@MichiganRecycles.org



Morgan Feldpausch

From: Morgan Feldpausch
Sent: Wednesday, February 8, 2023 10:00 AM
To: Michael Townsend
Subject: Energy Audit Project Budget Surplus Roll-Over and Re-Designation Request

Good Morning Michael,

I am following-up on our conversation from yesterday.

I would like to request that the remaining amount of the budget that was designated for the energy audit project (\$69,000) be rolled over and re-designated for the implementation of applicable energy efficiency improvement and savings projects that were identified in the energy audit project. Projects would be recommended by the Environmental Affairs Commission and go through the appropriate channels.

Please let me know if you need any additional information or if you have any questions.

Thanks,

Morgan Feldpausch
Environmental Sustainability Manager
Ingham County
(517) 676-7279

ENVIRONMENTAL AFFAIRS COMMISSION

March 1, 2023

Draft Minutes

Members Present: Biber, Cowles, Mulkoff, Trubac, Nowicki, Lincoln

Members Absent: Andersen, Gray

Others Present: Jared Cypher, Morgan Feldpausch, John Ingraham

The meeting was called to order by Commissioner Trubac at 5:32 p.m. in Conference Room A of the Human Services Building, 5303 S. Cedar Street, Lansing Michigan.

Approval of Draft Minutes

The minutes were approved.

Additions to the Agenda

None.

Limited Public Comment

None.

1. Election of Officers for 2023

The Commission elected officers for 2023. The motions were approved unanimously to elect the following: Chair: Chris Trubac, Vice Chair: Sarah Mulkoff, Secretary: Claire Nowicki.

2. Sustainability Action Plan (*Presentation & Discussion*)

Morgan Feldpausch presented on the process for developing and measuring the effectiveness of Sustainability Action Plans (SAP). This included tools for engagement, support, and collaboration with other units of government and sustainability organizations such as Local Governments for Sustainability (ICLEI). Additionally, the commission discussed Climate Action Plans (CAP) which focus more narrowly on greenhouse gas emissions.

The commission discussed several aspects that may go into an SAP such as whether to consider parts of the county beyond Ingham County Operations, and which components of the plan ought to be prioritized. Development timelines for SAPs are typically completed in 10-24 months, depending on the size and scope.

3. Michigan Green Communities (*Discussion*)

Morgan Feldpausch led a discussion on Michigan Green Communities (MGC) which is a voluntary program that offers guidance for sustainability action items and other resources. The program also offers networking opportunities and benchmarks that can be referenced when applying for grants. MGC is also used by EGLE and hosts an annual conference.

4. Michigan Legislative Municipal Budget Priorities Request and Submission

Morgan Feldpausch created a document detailing several county projects that applied for funding.

Congresswoman Slotkin's office assisted with securing federal funding for county trails and fairgrounds.

Announcements

None.

Public Comment

John Ingraham spoke about Johnson Controls, which does work such as replacing windows, installing new led lighting, installing solar power, and hosting events to engage with the public.

Adjournment

The meeting was adjourned by Chairperson Trubac at 6:45 pm.

