

Keeping up with Part 115

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Materials Management Division

Mission: Protect Michigan's Environment & Promote A Sustainable Economy

Program Overview

<u>Waste</u>	Hazardous Waste	Solid Waste & Scrap Tires	Materials Utilization
<u>Sustainability</u>	Recycling & Planning	Pollution Prevention	Energy
<u>Radiological Protection</u>	Emergency Preparedness	Radiological Materials	Indoor Radon

Key Updates

- State of Solid Waste Management in Michigan
- Part 115 & Coal Combustion Residuals (CCR)
- Landfill Gas Best Management Practices and Act 235
- Recycling and Battery Circularity
- MiEnviro roll-out

Solid Waste Disposal in Michigan

Fiscal Year	Michigan	Canada	Other States	Totals
2021	19,813,375 (81%)	3,164,628 (13%)	1,363,503 (6%)	24,341,507
2022	20,256,147 (81%)	3,428,211 (14%)	1,395,741 (5%)	25,080,100
2023	19,363,965 (80%)	3,406,337 (15%)	1,002,543 (5%)	23,772,846
2024	19,669,366 (82%)	3,464,704 (14%)	1,002,548 (4%)	24,136,619
2025	18,530,650 (82%)	3,189,313 (14%)	883,602 (4%)	22,603,565

All Figures In Tons

Solid Waste Management in Michigan



- Focus changed to Materials Management
- The Legislative changes that passed in December of 2022 and became effective on March 29, 2023, significantly changes the landscape for solid waste in Michigan
- The changes promote materials management with the goals of reducing overall waste generated, providing for innovative reuse of materials, and increased recycling, waste diversion, and utilization

Grants

- Infrastructure
- Circular Economy
- Education
- E-Waste & Scrap Tires

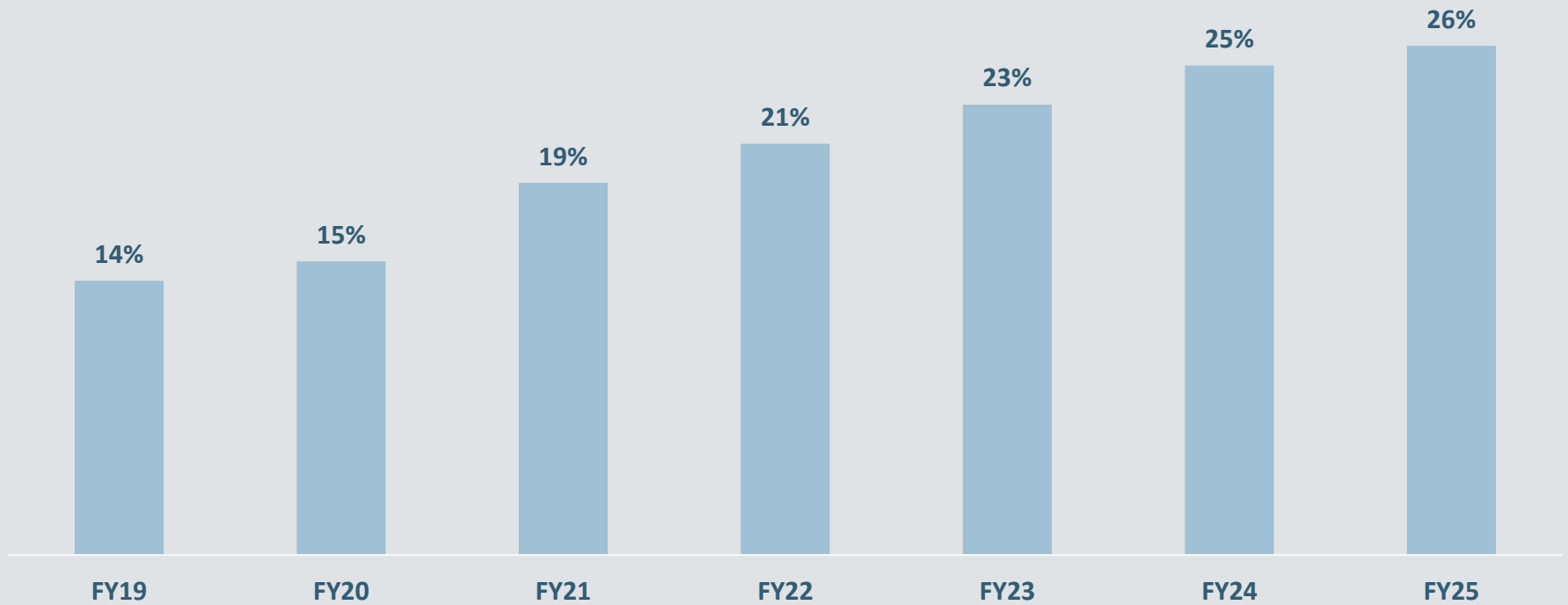
Technical Assistance

- 10 EGLE Recycling Staff

Measuring Progress



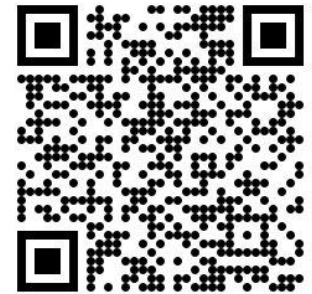
youtube.com/watch?v=BakNdLT3xu8



Steady Progress on Recycling

Recycling

- 2026 Recycling Infrastructure RFP
 - \$6M for increasing access, processing
 - 45% recycling rate by 2030
 - More grants coming for organics, circular economy
- Battery Circularity Program
 - Convene stakeholders
 - Develop statewide roadmap
 - Education & Outreach
 - Funding strategies



Solid Waste Program Update

Part 115 Amended December 2022

Required Updated Materials
Management Plans

Established Regulatory Framework
For Recycling Facilities, Composters

Intended To Promote Materials
Utilization

Materials Management Planning

- Requires all counties to have an MMP
- Timelines established in law for action
- EGLE - Initiated the Planning process on **January 8, 2024**
- Counties had 6 months to file Notice of Intent (NOI)-**July 6, 2024**
- MMP is the tool that connects the management of all materials; facility development; mechanisms; etc. within a planning area
- Focus on utilization capacity – not disposal capacity



Materials Management Planning

- Includes:
 - Measurable goals and objectives
 - Add siting and development of materials utilization facilities to planning process
 - Benchmark recycling standards
 - Promote regional planning and provides for more local control (zoning;
 - No import/export requirements
 - Incorporates ways to increase recycling access, participation

Materials Management Planning

- 82 – Work Program's submitted for EGLE approval
- 78 – Round 1 Grant Agreements
Executed, 3 are in process
- 0 – With counties for signature
- 1 – Work Program pending review
or additional information

Round 2 MMP Grants

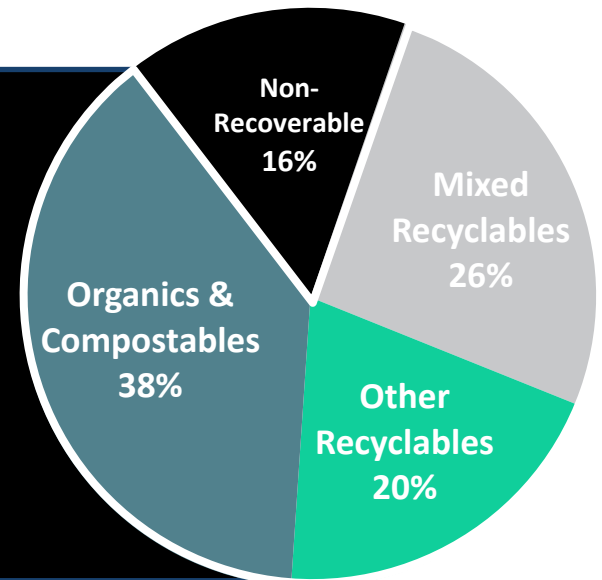
- 28 – Initiated
- 4 – Grant Agreements Executed

Michigan Municipal Solid Waste Composition

MIXED RECYCLABLES - paper, glass and plastic bottles and jars, plastic tubs and containers, and metal cans

OTHER RECYCLABLES - textiles, appliances, scrap metal, electronics, bulky plastics, and plastics films

ORGANICS & COMPOSTABLES - yard and food waste as well as compostable paper and compostable food service packaging



Facilities Regulated under Part 115

- Solid Waste Landfills
- Solid Waste Processing and Transfer Facilities*
- Municipal Solid Waste Incinerators
- PLUS
 - Materials Recovery Facilities
 - Compost Facilities*
 - Anaerobic Digester Facilities
 - Innovative Technology Facilities
 - Waste Diversion Facilities

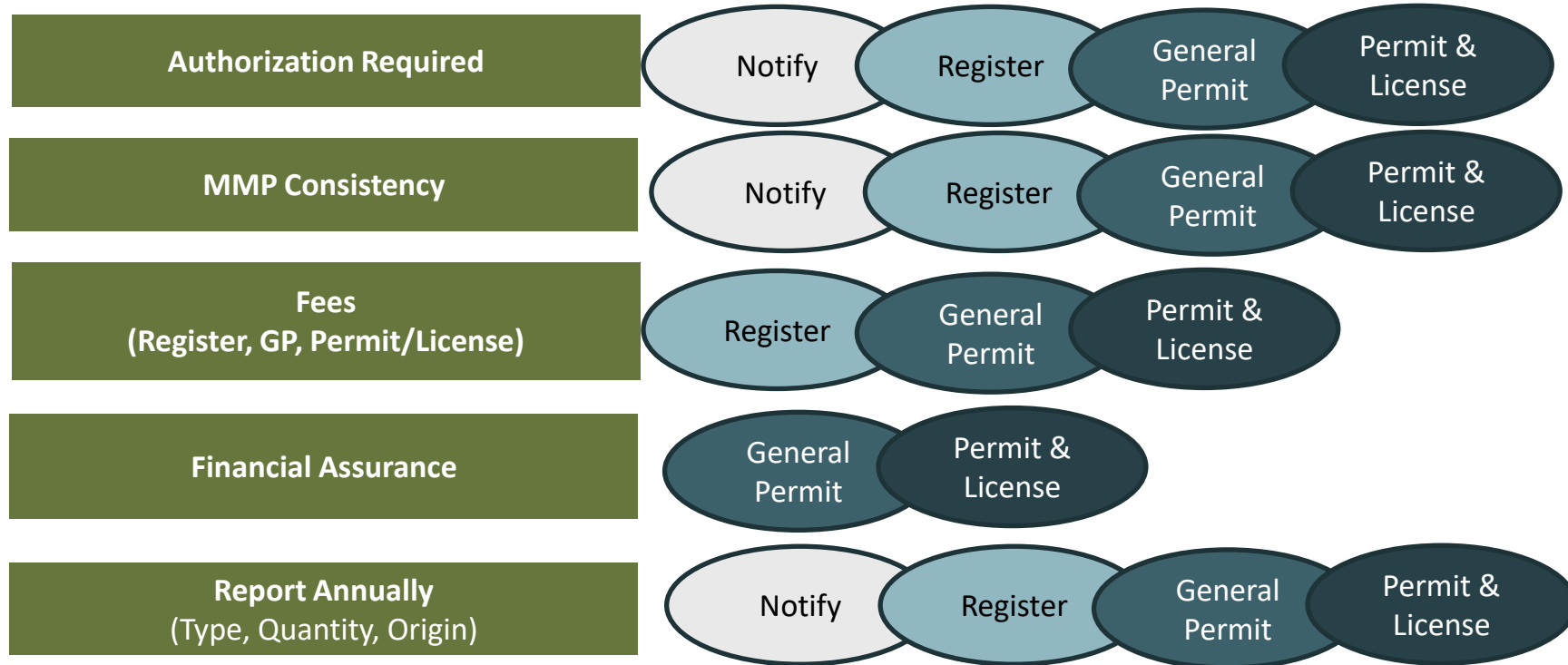
Materials Utilization Facility Oversight

MATERIALS MANAGEMENT DIVISION DISTRICT STAFF:



- Verify compliance with local zoning
- Coordinate with other EGLE Divisions
- Verify compliance with operational standards
- Conduct inspections before authorization and during active life
- Serve as primary point of contact

NEW OVERALL REQUIREMENTS



Part 115 & Coal Combustion Residuals

- Seeking amendments to incorporate Coal Combustion Residual requirements
- Not pursuing additional changes at this time

Landfill Gas Best Management Practices

- Act 235 of 2023 – Clean Energy Standards
- Requires EGLE to publish Landfill Gas Best Management Practices
- RMI was awarded the contract for putting together the Best Management Practices
- Renewable energy eligibility, not Part 115 compliance

MiEnviro

- Solid Waste module by end of 2026
- Replaces WDS and Re-TRAC
- ONE online portal for submittals, payments, data and document management
- YouTube [MiEnviro for Everyone](#)



Funded by unredeemed bottle deposits

Grant programs for recycling, organics diversion,
household hazardous waste management

Currently appropriated \$250,000/year

Requesting \$1,250,000/year

Community Pollution Prevention

Resources

- [Part 115](#).
- To submit questions about the Part 115 amendments and their implementation email: EGLE-MMD-SW@michigan.gov.
- Information is available on the main [EGLE Solid Waste Web Page](#)
- [Materials Management Facilities page](#)-Authorizations Chart
- [Recycling Resources](#)
- [Materials Management In Michigan](#) – what EGLE is doing to support the effort
- Sign up on [EGLE's Gov Delivery](#) site and subscribe to Waste & Materials Management – Recycling Updates; Materials Management News and Info; Solid Waste Law Amendments and Materials Management Planning

How Landfills Work

How Landfills Work

Have you ever wondered:

How landfills work?

How they are designed, operated and maintained?

What happens every day at a landfill?

What role EGLE has in overseeing landfills and protecting human health and the environment?

Check out our story map to answer all of these questions and more.

Michigan Department of
**Environment, Great Lakes, and
Energy**

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