

Michigan DEQ Retail Hazardous Waste Compliance Assistance Initiative

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Environmental Assistance Center

Phone: 1-800-NO2-WASTE
(1-800-662-9278)

Hours: 8:00 AM to 4:30 PM
Monday - Friday

Technical Assistance Services Include:

Air
Waste
Water

Environmental Audit Privilege
Site Remediation
Permit Coordination



Housekeeping

- All lines are live for all remote meeting participants
- Feel free to mute your line
- Please do not place us on hold
- Feel free to ask questions directly or through question/chat box



Agenda

- Kick-off
- Introductions
- Michigan's Program
- Initiative Goals
- Proposed Federal Rules
- Issues & Wastes of Concern
- Compliance Assistance Tool Options
- Timeline
- Next Steps
- Michigan Food Composting Grants
- Wrap Up





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Michigan's Program

- Michigan is a RCRA authorized state
- Michigan's hazardous waste program requirements are found under Part 111 of the Michigan Natural Resources and Environmental Protection Act and its rules
- Michigan implements the hazardous waste program under Part 111 instead of RCRA



Michigan's Program

- Michigan has 3 additional unique universal waste types:
 - ✓ Pharmaceuticals
 - ✓ Consumer Electronics
 - ✓ Antifreeze



Michigan's Program

Pharmaceuticals & Consumer Electronics

- Effective on 12/16/04
- Added in our 8th amendment to the Part 111 rules
- Authorized by EPA on 3/9/06 (see 71 FR 12141)



Michigan's Program

Antifreeze

- Effective on 3/17/08
- Added in our 9th amendment to the Part 111 rules
- Authorized by EPA 3/2/10 (see 75 FR 9345)



Michigan's Program

- Michigan has not adopted EPA DSW changes establishing RCRA hazardous secondary materials
- Michigan has not adopted EPA disposable wipes rule

Retailer Review

- Waste Data System review for retailers:
 - ✓ Notification
 - ✓ Manifest
 - ✓ Number of Sites
- Invited retailers having the most sites with the most hazardous waste
- Invited associations known to represent retail



Retailers Invited

- Costco
- CVS
- Harbor Freight
- Home Depot
- Kmart
- Kroger
- Lowe's
- Meijer
- Menards
- Rite Aid
- Sam's Club
- Target
- Walgreens
- Walmart



Associations Invited

- Michigan Pharmacists Association
- Michigan Retail Association
- National Association of Chain Drug Stores
- Retail Industry Leaders Association

Primary Goal

Produce compliance tool(s) that:

- Clarify compliance
- Are simple and easy
- Maximize compliance
- Minimize costs
- Advocate BMPs
- Promote statewide consistency



Proposed Federal Rulemaking

- Hazardous Waste Pharmaceuticals
- Generator Improvement
- Import/Export

Challenging Wastes

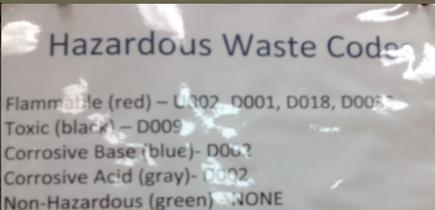
- Smoking Cessation Products
- E-cigarettes (Dual Waste)
- Aerosol Cans/Hair Spray
- Nail polish
- Hand Sanitizers
- Mouthwash
- Cleansers

Unique Retail Challenges

- Large number of diverse products
- Thousands of sites
- Diverse workforce
- Limited secure area “real estate”
- Episodic generation common

Unique Retail Challenges

- Store returns
- Reverse distribution common for non-damaged products
- Household hazardous waste (batteries, light bulbs, medications, etc.)



Issues Lacking Clarity

- Waste determinations - When must they be made?
- Electronic recordkeeping - What is it adequate?
- Contingency plan - What emergency contact details are necessary?
- Training - What level of knowledge and training is required of retail clerks, managers and warehouse staff?



Compliance Assistance Tool Options

- Publications
- Workshops
- Webinars
- Video Tutorials
- Interactive Tools
- Media Productions
- Surveys



Training and Outreach

OEA's Training and Outreach Team helps the DEQ deliver training to businesses, consultants, municipalities and others



Training and Outreach

Workshops:

- ✓ Live training:
- ✓ Hosted at venues throughout state
- ✓ Range in size and scope

2015 Stats:

- ✓ 34 events with 2,621 people



www.michigan.gov/deqworkshops

Training and Outreach

Webinars:

Free

Targeted Outreach

2015 Stats:

41 webinars

6,078 live participants

2,202 recorded view



Department of Environmental Quality



- About the DEQ
- Air
- Land
- News and Events
- Waste
- Water
- Great Lakes
- Drinking Water
- Lakes & Streams
- Onsite Wastewater
- Wetlands
- MiWaters**
- Permits
- Water Management
- Sustainability

[DEQ](#) > [WATER](#) > [MIWATERS](#)

MiWaters On-Demand Video Tutorials

These tutorial videos have been produced to provide a demonstration of some of the MiWaters functionality. However, MiWaters is a dynamic system that continues to evolve as we make improvements. If you see something in the videos that is inconsistent with what you see when you access MiWaters, please refer to the written instructions that are companion to the video tutorials. If you have questions, please use the Help function of MiWaters and, if that doesn't answer your question adequately, the Contact button on the MiWaters screens can be used to determine the best DEQ staff to whom you can direct your question.

- [MiWaters Overview](#)
- [Establishing an Account](#)
- [Maintaining Your Profile](#)
- [Inviting Another Person to View or Manage Your Site Information](#)
- [Finding an Application or Request to Submit](#)
- [Submitting an Application or Request](#)
- [Viewing Information Related to Your Site](#)
- [Submitting a Report Required by Your Permit](#)
- [Submitting a Discharge Monitoring Report \(DMR\)](#)



Related Content
• [MiWaters Seminars and Webinars](#)

Sign up for email from the DEQ!



http://www.michigan.gov/deq/0,1607,7-135-3312---,00.html DEQ - Waste

View Favorites Tools Help

Convert Select

Hazardous Waste Generat... Suggested Sites https--community.articul... DEQ - Boiler NESHAP - M... WageWorks

DEQ Contacts Permits Online Services Programs Locations MI.gov

Michigan Department of Environmental Quality

Pharmaceutical Waste Tutorial

Recorded Septemeber 2012



0:00 / 23:18



Training and Outreach

Interactive Tools

- ✓ Boiler Tool
- ✓ Water Permits Tool
- ✓ Others?

2015-08-4 MDEQ Boiler Nav Tool

Question List



Michigan Department of Environmental Quality

Boiler NESHAP Navigation Tool
for Industrial, Commercial, and
Institutional Boilers and Process Heaters

National Emission Standards for
Hazardous Air Pollutants,
Subparts DDDDD and JJJJJ

MDEQ, Office of Environmental Assistance
Environmental Assistance Center -1-800-662-5278



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Training and Outreach

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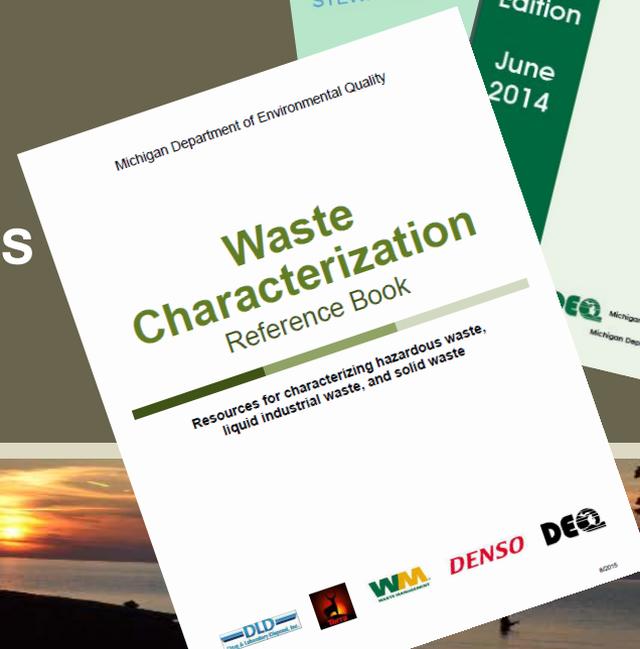
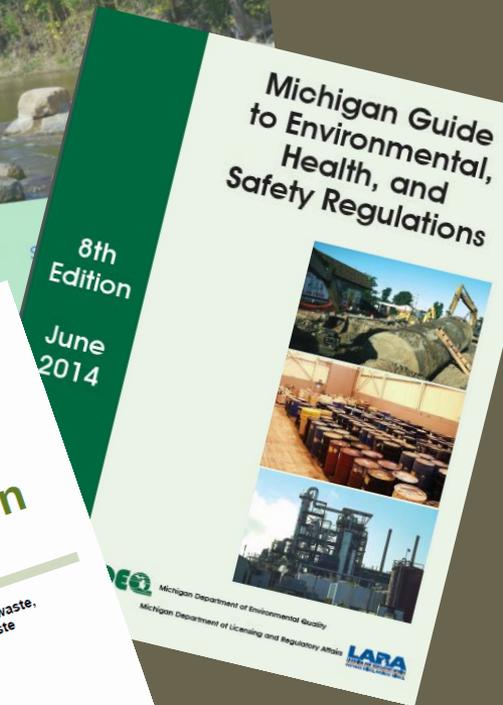
Michigan has the 18th highest drug overdose mortality rate in the United States.

✓

Training and Outreach

Publication Examples:

- ✓ Michigan Guidebook
- ✓ DEQ Guide
- ✓ P2 Report
- ✓ Boiler Tool Card
- ✓ Waste Characterization Reference Book
- ✓ Use Oil Checklist & Labels
- ✓ Cold Cleaner Posting



Training and Outreach

Keep current
on DEQ
hot topics
with:

✓ Twitter

✓ GovDelivery

Subscription Topics

- Agency-wide Information**
 - DEQ Environmental Calendar [i](#)
 - Press Releases [i](#)
- Air Quality**
 - AQ News and Info [i](#)
 - Michigan Air Emissions Reporting System (MAERS) [i](#)
 - Pleasant Peninsulas - The AQD Voice [i](#)
- Drinking Water and Municipal Assistance**
 - Community Drinking Water Systems [i](#)
 - Drinking Water Operator Training & Certification [i](#)
 - Environmental Health Programs [i](#)
 - Revolving Loan Programs [i](#)
- Environmental Assistance**
 - Environmental Leaders Network [i](#)
 - Green Chemistry [i](#)
 - Michigan Manufacturing News [i](#)
 - OEA Grant and Loan Opportunities [i](#)
 - Pollution Prevention [i](#)
 - Training and Outreach [i](#)
 - Pleasant Peninsulas - Environmental Assistance [i](#)
- Great Lakes**

Timeline?

Depends on:

- Number of issues
- Number of wastes of concern
- Number or complexity of compliance tools needed



Next Steps

Participants:

1. List Retailer Issues
2. List Concerning Retailer Waste Types

Everyone share lists by 12/23

Send to grossmanc@michigan.gov

Next Steps

- 1/15/16 - DEQ publish initiative web page
- 1/27/16 - Next meeting at 10:30
- Discuss group priority/ranking for various issues, wastes, and preferred tool(s)
- Target further information gathering if needed (survey, research, etc.)
- Target issues/wastes/tools to discuss and develop resources

Questions?



2016 Community Pollution Prevention (P2) Grant Program



2016 Community P2 Grant Program

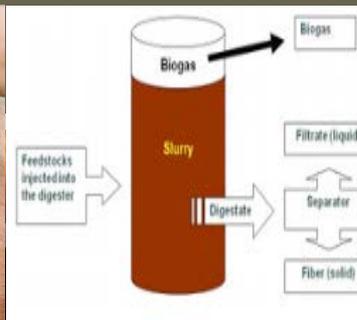
- Supports projects that reduce and divert food waste from landfills and incinerators
- Request for Proposals (RFP) to be released in December for \$250,000
- EPA estimates that more food reaches landfills and incinerators than any other single material in our everyday trash, constituting 21 percent of the MSW stream



Types of Projects

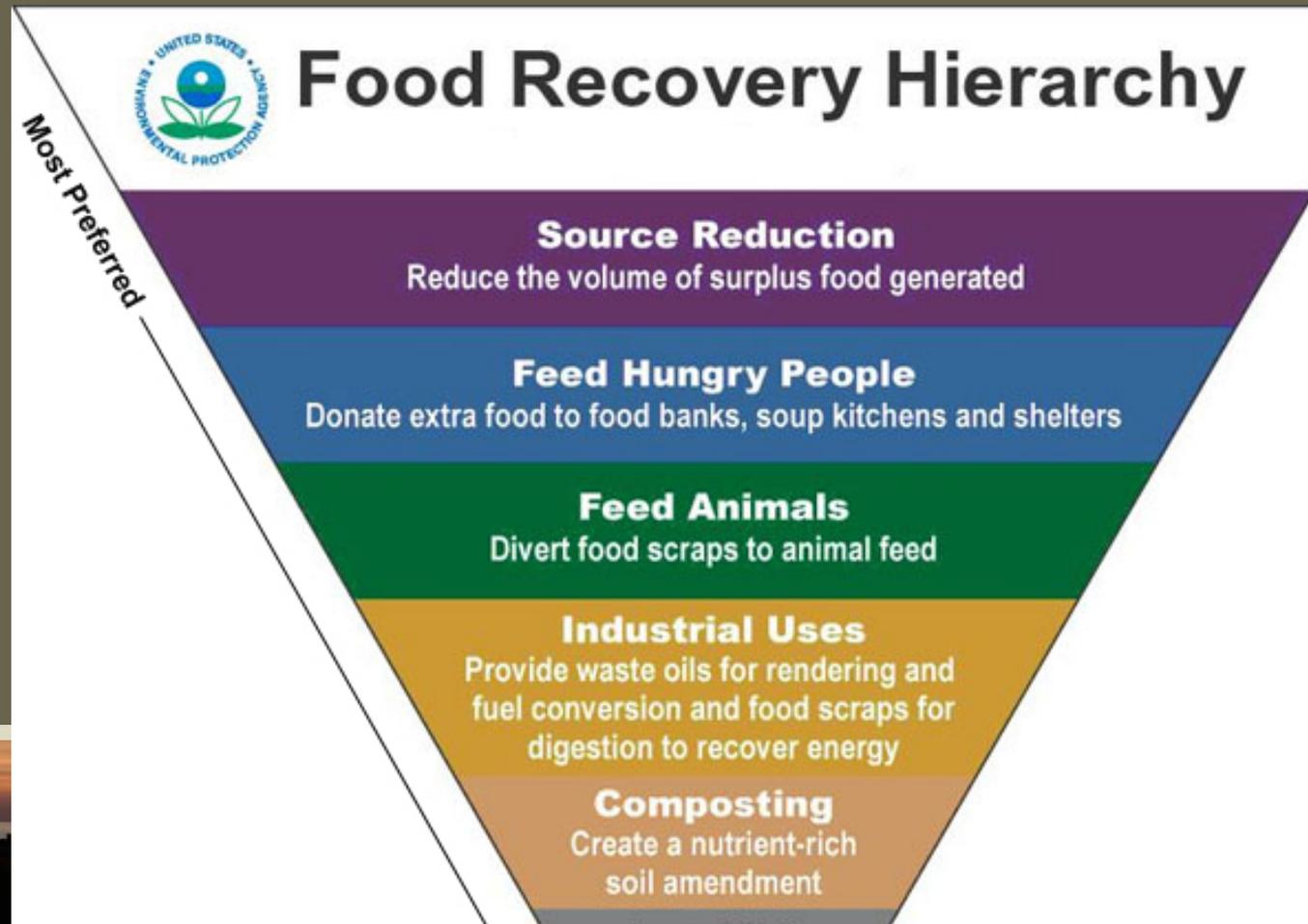
The DEQ is seeking projects that:

- reduce the amount of food waste generated
- divert food waste from landfills /incineration
 - ✓ Human or animal consumption
 - ✓ Industrial use such as anaerobic digestion, rendering for biofuel or product development
 - ✓ Compost to create a nutrient rich soil amendment



US EPA Food Recovery Hierarchy will be used to select proposals

Grant requires education & outreach component



- **Eligible applicants include non-profit organizations, local and tribal governments, local health departments, municipalities, and regional planning agencies. However, subcontractors may be for-profit or non-profit organizations.**
- **Organizations receiving grants are required to provide a match of 25 percent or more of the total cost. Contributions may include dollars, in-kind goods and services, and/or third party contributions.**
- **Total grant fund request must not exceed \$100,000.**



Questions



The RFP will be announced at
www.michigan.gov/deqp2grants

Questions should be directed to Debbie Swartz at
swartzd@michigan.gov or 517-284-6903



Additional Items?

- Association Updates?
- Other Topics?



THANK YOU FOR YOUR COMMITMENT TO PROTECTING OUR ENVIRONMENT!