

# Waste Management and Radiological Protection Division Updates

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AWMA

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# Priorities, FY'18

- Manage Risks from Hazardous Waste, Solid Waste, and Radiation Sources
  - Public Health and Environment
- Expand Materials Management Focus
  - Reduce Waste & Recover Resources
- Increase Collaboration
  - Break Down Silos
  - Find Solutions

# Manage Risks

- Investigate Vapor Intrusion
- Convert to federal electronic manifest system
- Prioritize HW inspections
- Investigate non-GPRA corrective action sites
- Rebuild Enforcement Section
- Investigate Closed Landfills
- Develop Coal Combustion Residuals Permit Program
- Increase Medical Waste Inspection Presence
- Reduce Radon risks from indoor air
- Provide Rad support to waste programs
- Palisades Decommissioning
- Expand Radiological Emergency Preparedness

# Expand Materials Management

- Implement Solid Waste Legislation
- Hazardous Secondary Materials
- Pursue C3 alternatives
- Grants for P2 and Recycling
- Increase Technical Assistance

# Increase Collaboration

- EPA & Cooperative Federalism
- Part 111 Rules Package
  - Generator Improvement Rule
  - State Waste Codes
- VW Settlement
- Market Development Survey
- Public Participation

# MI Recycling Initiative - 5 Priorities

- Update solid waste law to focus on reuse rather than disposal
- Inform and engage residents on the importance of recycling
- Grow markets in Michigan for recycled materials
- Increase recycling in state facilities
- Establish funding model to ensure success



MICHIGAN  
**Recycling Initiative**

# Landmark Legislation

- Refocus the planning process to increase recycling and decrease landfilling of waste
- Provide standards for recycling and composting facilities
- Update landfill requirements
- ***Work in progress***





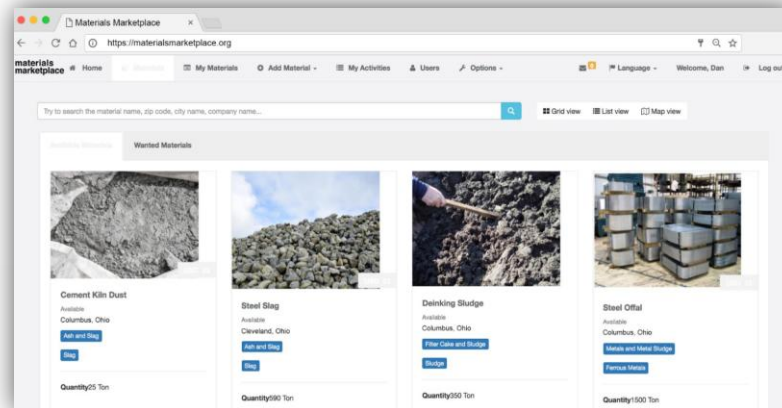
# Education and Engagement





# Market Development

- \$368 million in valuable materials disposed in landfills each year
- MEDC/DEQ survey of 11,000 manufacturers to gain insight
- Providing tools to Michigan businesses to exchange materials & innovative ideas to minimize waste



**re:source**  
Michigan's Source for  
Recycling Innovation

# Recycling in State Facilities

- 47,000 state employees impacted
- Recent survey shows
  - 64% of state owned sites have recycling
  - 15% of leased sites have recycling
- Access in all state facilities moving forward



# Renew Michigan's Environment

Replacement of Clean Michigan Initiative Bond of 1998	Amount
Remediate and redevelop contaminated sites	\$45 million
Solid waste management	\$9 million
Recycling	\$15 million
Water quality	\$5 million
<del>State park infrastructure</del>	<del>\$5 million</del>
<b>Total</b>	<b>\$74 million</b>

Increase existing solid waste tipping fee from \$0.36 per ton to \$4.44 per ton.

# Potpourri

- Coal Combustion Residuals Permitting
- E-manifest
  - May 9<sup>th</sup> AWMA
- Biennial Reporting March 1st
- Part 111 Rules Comments this Summer
- Liquid Industrial Byproduct Reporting April 30<sup>th</sup>
- HWUC Deadline April 30th
- Transporter Alliance
- Funding

# Questions

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