Waste Management and Radiological Protection Division Updates

AWMA
April 25, 2017
Jack Schinderle
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
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
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

mixed recycling

✅ paper
✅ cardboard
✅ metal cans
✅ glass
✅ plastic (#1-7)

✅ plastic (#2 & 4)
✅ styrofoam
✅ wooden pallets
✅ others

State Employees Recycle!
www.michigan.gov/mirecycles
Renew Michigan’s Environment

<table>
<thead>
<tr>
<th>Replacement of Clean Michigan Initiative Bond of 1998</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Remediate and redevelop contaminated sites</td>
<td>$45 million</td>
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<tr>
<td>Solid waste management</td>
<td>$9 million</td>
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<tr>
<td>Recycling</td>
<td>$15 million</td>
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<tr>
<td>Water quality</td>
<td>$5 million</td>
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<tr>
<td>State park infrastructure</td>
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<tr>
<td>Total</td>
<td>$74 million</td>
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</tbody>
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Increase existing solid waste tipping fee from $0.36 per ton to $4.44 per ton.
Potpourri

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