A New Focus on Materials Management

AWMA Spring Conference
April 25, 2017
Changing Solid Waste Landscape

- Effective laws = safe and environmentally protective
- Sustainable materials management
- Grow economic, environmental and quality of life outcomes
- 2007 Policy = waste as a resource
What’s the issue?

Inconsistent extent of regulation for facilities
Low municipal recycling rate
Recycling infrastructure
2 Advisory Groups Converge

- Governor’s Recycling Council
- Solid Waste and Sustainability Advisory Panel
Key Messages

- Holistic infrastructure system to manage materials more sustainably
- Revitalized solid waste law
- Actionable steps to achieve Governor’s recycling goal
- Broad-based, long-term public and private funding
Materials Management Planning

- Focus on utilization capacity
  - Measurable goals and objectives

- No import/export limits

- Tighten process

- Promote regional planning

- Benefits
Materials Management Facility Oversight

- Formerly exempt activities
- Inspections
- General permits
- Benefits
Technical Fixes and Regulatory Improvements

- Landfill custodial care
- Financial assurance
- CCR
- Benefits
Recycling Access

- Curbside and drop-off
- Convenient comprehensive recycling universally accessible
- Include in MMPs
- Public and private sector solutions
Michigan Recycling Market Development Initiative

- Technology Transfer
- Business Development
- Market Development Fund
- Market Profile
- State Leadership
Education and Engagement

- Statewide campaign
- Tools, templates & media for locals
- Technical assistance for service providers, communities, businesses, institutions, and industry
- The State will continue to Lead-by-Example
Benefits of a Statewide Campaign & Technical Assistance

- Provides Michigan residents with factual information
- Drives participation and cost-effectiveness
- Builds cross-sector awareness
- Gives service providers necessary compliance foundation
Investment in Infrastructure (Gap 9)

- $1.3 billion annual spend on waste
- $3.2 billion private, public, and public-private partnership assets
- Public and Private investment necessary that will respond to market conditions resulting from goal of doubling recycling rate.
$ Funding

- State funding mechanisms to support
  - Planning and program implementation
  - Incentivize private and public capital and program investments needed to double recycling rate.

- Michigan Recycling Improvement Fund
  - Grant and low interest loans for planning, market development, technical assistance, outreach and engagement, measurement and compliance.
Next Steps
Ambitious Timeline

- 3 Parallel Paths
  - Legislative
  - Administrative
  - Communications
Stakeholder Input

- Communications plan
- Legislation development
- Follow-up
Additional Panel Topics

- Food Scrap
- CCR
- Electroplater Case
Organics
Coal Combustion Residuals

- MI will likely pursue approval of a state program
Electro-Plating Service, Inc. (EPS)

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Imminent and Substantial Endangerment Case Study, Madison Heights, MI
November 2016 Inspection
November 2016 Inspection (Continued)
November 2016 Inspection (Continued)
November 2016 Inspection (Continued)
Imminent and Substantial Endangerment

- DEQ
- DHHS
- Cease and Desist
- Local coordination
- EPA time critical removal underway