

Solid Waste Policy Advisory Committee

Waste and Hazardous Materials Division

February 1, 2006



Purpose :

Solid Waste Policy Advisory Committee

To provide a long-term vision for waste management in Michigan, the Solid Waste Policy Advisory Committee will play a key role in updating the Solid Waste Policy by:

- Identifying issues that the Policy should address
- Drafting policy statements, implementation strategies, and goals and measures

Does the Solid Waste Policy Advisory Committee have adequate representation?

Michigan Association of Counties
Michigan Chamber of Commerce
Michigan Environmental Council
Michigan Manufacturers Association
Michigan Municipal League
Michigan Recycling Coalition
Michigan Recycling Partnership
Michigan Townships Association
Michigan United Conservation Clubs
Michigan Waste Industries Association
Padnos Iron and Metal
Resource Recovery and Recycling Authority of
Southwest Oakland County
Resource Recycling Systems, Inc.



Goals for the Solid Waste Policy Advisory Committee?

- Consensus, where possible
- Present Draft Policy to the Environmental Advisory Council by May 2006



Overview of Michigan's Solid Waste Program

- 43 FTEs
- Revenue of approximately \$4.1 million/year
- Spend just over \$4.3 million/year
- 150 Regulated facilities-landfills, transfer stations, processing plants
- 83 county solid waste management plans



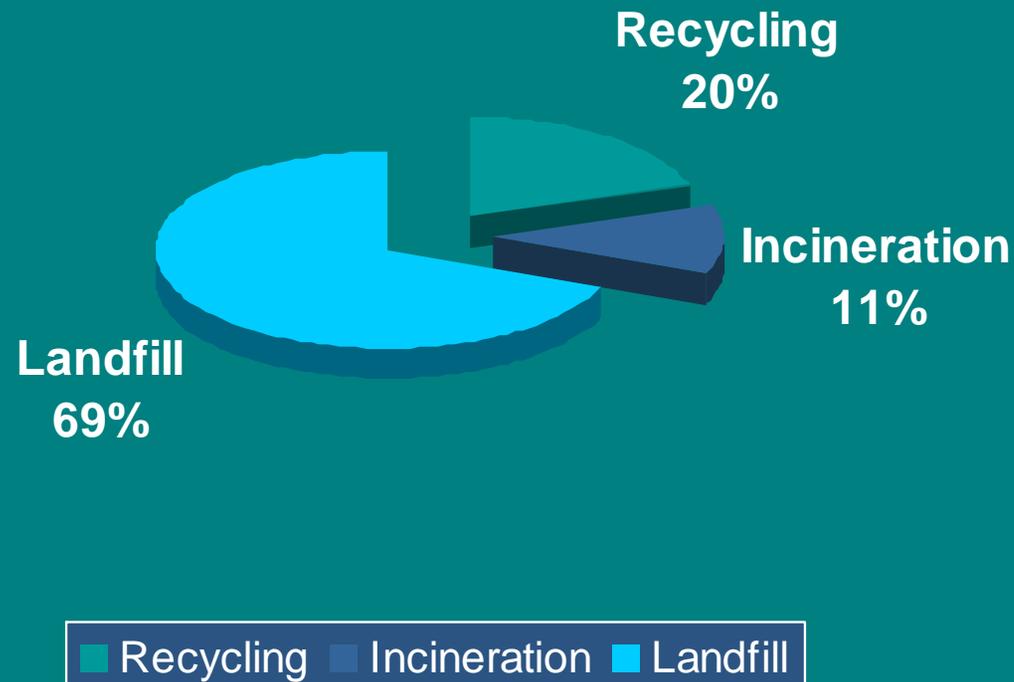
Fiscal Year 2005 Accomplishments

- **Issued 80 solid waste disposal facility construction permits, operating licenses, and amendments**
- **Reviewed and approved amendments to county solid waste management plans and provided assistance to counties on solid waste management planning**
- **Provided residential recycling and composting technical assistance**
- **Conducted over 1,000 evaluations at over 150 solid waste disposal facilities**
- **Conducted enforcement actions to address over 200 violations at solid waste disposal facilities**
- **Collected and reported annual solid waste disposal facility receipt data**
- **Provided input on solid waste legislation**

Where We Are Today

1999 Data Collection by Michigan Recycling Coalition

Solid Waste Stream in Michigan



Recycling rate Includes yard clippings and about a 95% recovery rate for beverage containers covered by the Bottle Deposit Law.



Recycling in Michigan

- ◇ No requirement for data collection-no DEQ data on recycling.
- ◇ Access to curbside and drop-off recycling for Michigan residents is limited
 - ◇ 772 curbside and drop-off programs



Current Solid Waste Planning Process

- Developed during the late 1980's and 1990's
- Controls the siting of new and expanded disposal areas
- Requires a county-level demonstration of adequate disposal capacity
- Defines recycling/composting and other local waste diversion programs



Current Solid Waste Planning Process

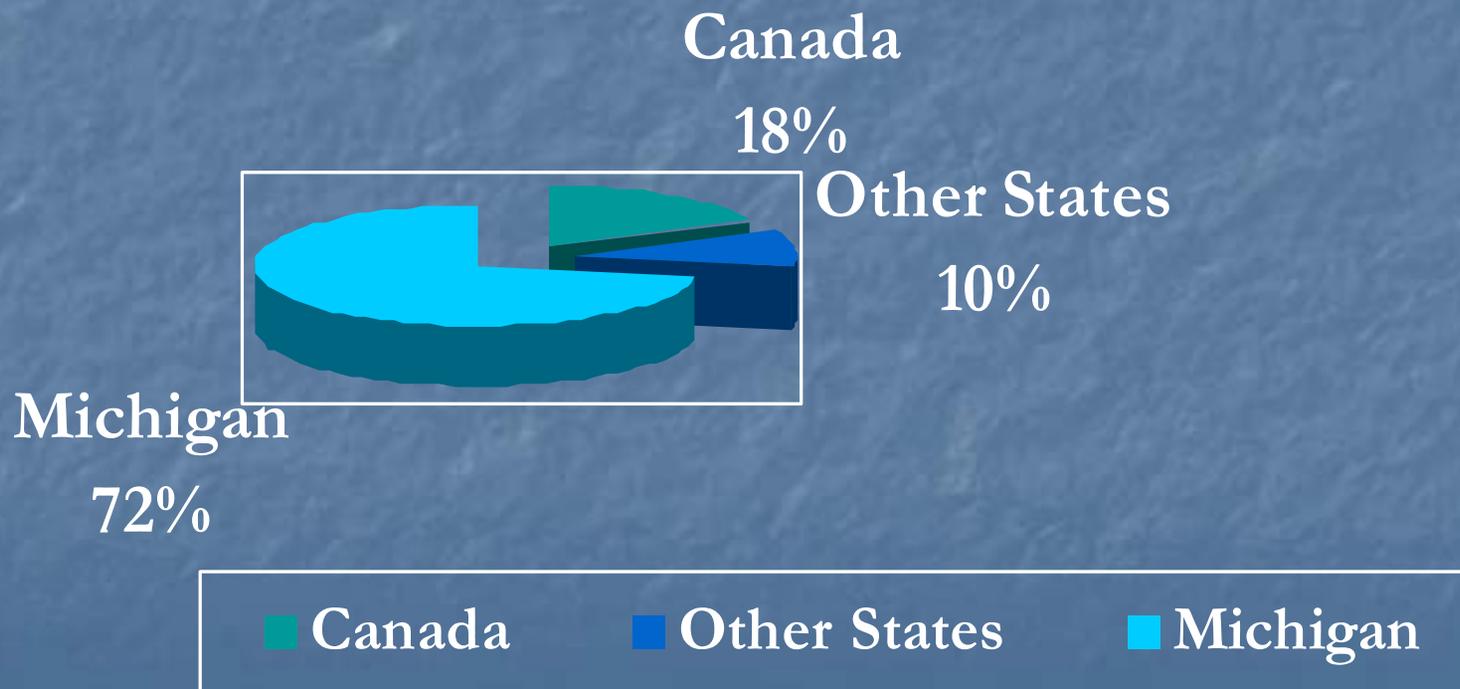
- Controls imports and exports of waste for disposal between counties in Michigan
- Pre-empts all local regulation of disposal area design, location, and operation except to the extent allowed by the DEQ-approved County Solid Waste Management Plan.
- Update process delayed DEQ Director in 2002 and 2004 for staffing and budgetary reasons, and in anticipation of changes to the planning process via the Planning Work Group.



Solid Waste Imports

- ▮ 3rd highest importer of solid waste in the nation behind Pennsylvania and Virginia.
- ▮ The largest source of waste imports to Michigan continues to be from Canada.
- ▮ 18% of all waste disposed of in Michigan landfills is imported from Canada.
- ▮ In 2004, total imports to Michigan landfills increased about 17% from those reported in 2003.
- ▮ In 2004, Canadian imports rose about 23% from the FY 2003 Report.

Solid Waste Disposed in Michigan Landfills Fiscal Year 2004



According to 2004 DEQ Annual Solid Waste Receipt Report

Reports

- Recommendations for Improving and Expanding Recycling in Michigan
- Recommendations for Changes to the Solid Waste Planning and Disposal Area Siting Provisions of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended
- Green Glass Task Force: Final Report to the Legislature
- Tire Work Group Report (forthcoming)



Planning Work Group

DEQ Recommended Changes

- Update Michigan's Solid Waste Policy
- Maintain the planning process at the county level but provide incentives to encourage counties to plan on a regional basis
- Obtain a closer correlation between the amount of disposal capacity needed in Michigan and the amount of capacity that is available
- Improve the administration of the planning process—state guidance, time frames, planning committee, data collection, funding mechanisms, and host community agreements

Recycling Work Group

DEQ Recommended Changes

- Expand the Bottle Deposit Law
- Create a continuing funding source
- Set ambitious statewide waste reduction, reuse, and recycling goals
- Measure recycling
- Enact appropriate disposal bans
- Encourage manufacturers to adopt take-back systems
- Require Solid Waste Management Plans to directly address recycling
- Expand HHW prevention and collection efforts

Green Glass Task Force

- Make recommendations to the Legislature on the special recycling problems posed by green glass beverage containers
- Decide whether the June 1, 2007 date for applying the green glass beverage container disposal prohibition should be changed.
- The Task Force recommended to eliminate the June 1, 2007 date for applying the green glass beverage container disposal prohibition.
- This would lead to the immediate prohibition of green glass beverage containers from disposal in Michigan landfills.



Scrap Tire Work Group

- Convened March 2005 to prepare recommendations for changes to the Scrap Tire Program
- Work Group consisted of stakeholders and DEQ staff
- Recommendations currently under review by DEQ management
- DEQ is organizing an ongoing Scrap Tire Advisory Committee



Implementation

- Legislation
- Solid Waste Management Plan
- Updated Solid Waste Policy



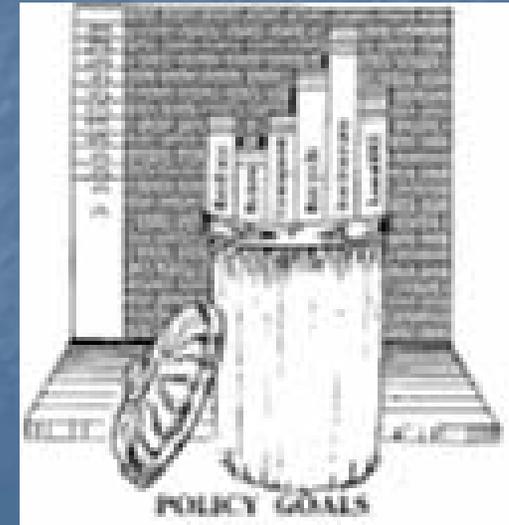
A Vision for Michigan's Solid Waste Program

- Wise use of Michigan's natural resources
 - Decrease reliance on land disposal and incineration.
 - Improve recycling rate—40% by 2010.
- Stable, increased funding for state and local recycling programs.
- Safe and environmentally sound disposal practices, implementing latest technological innovations.
- Updated Solid Waste Policy that creates a comprehensive approach to solid waste management as opposed to just providing disposal capacity in the state.

History of Solid Waste Policy in Michigan



- Adopted by Michigan Natural Resources Commission on May 26, 1988
- Issued by Governor
- Stakeholder participation
- Incineration 35% to 45% goal
- Includes implementation



Why are we updating the Policy?

- The 1988 policy is outdated and contains priorities that are inconsistent with the realities of solid waste disposal today
- Two reports, recycling and solid waste planning, identified the need to update the policy
- An updated policy will guide counties as they develop County Solid Waste Management Plans

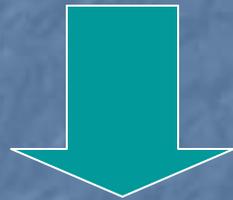
A Vision for Michigan's Solid Waste Policy

- Promote source reduction, reuse, and recycling
- Develop a standardized system for measuring and reporting on solid waste management in the state
- Ensure safe and environmentally sound waste disposal practices
- Secure reasonable and necessary regional and statewide disposal capacity
- Ensure adequate and dependable funding for state and local solid waste management programs
- Limit solid waste imports

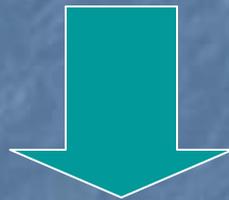
Discussion

- One issue that Solid Waste Policy Advisory Committee participants feel is most important to include in an updated solid waste policy

Policy Statement



Goals and Measures



Implementation

Next Steps

- Review resources on Web site including other State Solid Waste Policy links
- www.michigan.gov/deg click on “Boards and Advisory Groups” then click on “Solid Waste Policy Advisory Committee”
- Schedule meetings
- Be prepared to identify the issues that the updated policy should address

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Thank You

