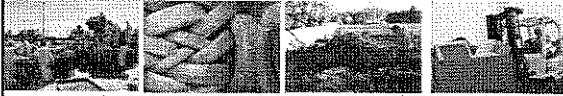


# Attachment B

## Hamilton County Solid Waste Management Plan Update

Hamilton County Solid Waste Management District



## Agenda

- Background and Mission of District
- Solid Waste Management Plan
- Plan Update Process
- District Programming / Results/Changes
- Plan Ratification Timeline



## Mission of Hamilton County Solid Waste Management District

To promote and encourage recycling and responsible solid waste management in Hamilton County



## Background of SWMD

- Created by Ohio HB 592 to ensure County compliance with state waste management and recycling goals.
- Funded solely through fees assessed on waste disposed at in County landfills (Rumpke).

## Roles and Responsibilities

- Ensure County is meeting State mandated waste reduction rates through development of countywide solid waste management plan.

## Solid Waste Plan

- Contains programs and strategies for meeting State recycling goals.
- Contains analysis of available disposal capacity for 15 year period.
- Plan must be updated every 5 years.

## Solid Waste Plan

- Provide strategies for managing:
  - Household Hazardous Waste
  - Yardwaste
  - Tires
  - Electronic Waste
- Provide Technical Assistance, Outreach and Education
- Provide assistance to local health departments

## District Philosophy

- I. Enact programs that meet State mandates while also meeting the needs of District stakeholders (Communities, businesses, residents, etc.)
- II. Heavy reliance on private sector to provide services.
- III. Pass resources through to local communities to encourage flexibility.

## Plan Update Process

- What changes are needed to continue to comply with State mandates while also meeting stakeholder needs?

## Plan Update Process

- Community Surveys
- Stakeholder Meetings
- Comprehensive Program Reviews
  - Issue Papers
  - Public Information Sessions

"I felt that the use of issue papers and public meetings provided all segments of our region with the opportunity to make inquiries into and state opinions regarding the future direction and policies of the District . . ."

- Cecil Osborn, Springdale

## Recycling - Recent Results

- Performance based grants: Relied upon by most County jurisdictions to maintain basic recycling services.
- Application based grants: To spur innovative recycling and waste reduction projects in Hamilton County

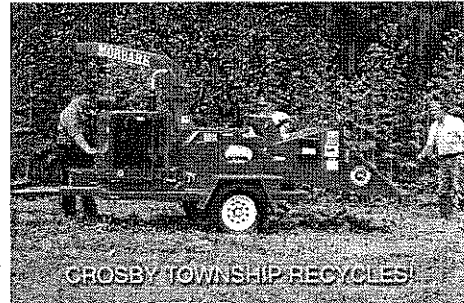
## Revised RRI Program

- Funding formula will be changed to allocate a portion of a community's funding on the basis of its recycling rate.
- Reason: Community recycling rates have leveled off recently. The grant program has lost its incentive effect.
- It is hoped that the result of this change will be to "supercharge" the performance based aspect of this grant program.

## Application Based Grants

- Will be revised to allow the District to focus more intensely on priorities deemed by the Policy Committee as needing attention during that year.
- Possible priorities include:
  - Yardwaste Improvements
  - Education
  - Etc.

## Yardwaste Processing in Crosby Township



## Building Value – Work Resource Center

### Real value

*Non-profit recycles, sells used building materials*

Cincinnati Post 12/5/05



## Special Waste Programs - Results

- Household Hazardous Waste Drop-off Facilities
  - 600,000 pounds of material collected in 2005
  - 200% increase over 2004 – 7,600 households.
  - Permanent facility has cut per vehicle costs by 63%.
  - Without service would cost residents \$20-30/trip to dispose of typical household hazards.

"Not only does it help in reducing the risk to the citizen, but also during an emergency, this will reduce the problem and risk for the responding firefighters and police officers." – Capt. Robert Becker, CFD

## Old-Style Collections



## Improved Collections



- Improved Accessibility and Convenience
- Reduced Costs
- Higher Quality Customer Service

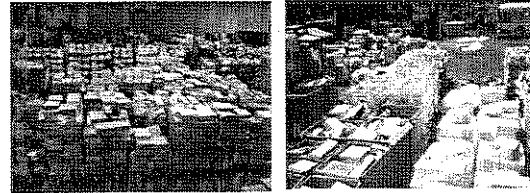
## Program Results

- Yardwaste Composting Sites
  - Approximately 2,000 tons collected in 2005 from approximately 20,000 customers.



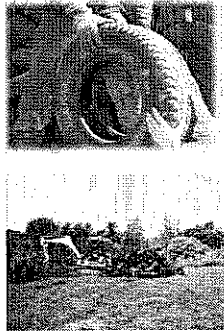
## Program Results (cont.)

- Electronic Waste – Collection Event
  - Over 1,000 tons collected since 2001.
  - Program costs cut by 50% in 2005 while expanding service to customers.



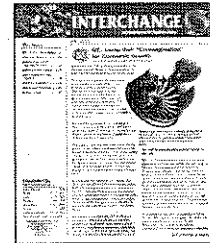
## Program Results

- Tires – Community Based Collections
  - Approximately 10,000 scrap tires collected annually through partnership with Keep Cincinnati Beautiful.
  - Clean up of scrap tires dumps when necessary.



## Commercial Program Results

- *The Interchange*
  - Waste exchange catalog received by 3,000 regional commercial entities.
  - Diverted over 56,000 tons of material since inception.
  - Saved participants estimated \$4.5 million in disposal costs.



"This program has saved us considerable dollars by offsetting disposal costs and allowed us to contribute to environmental improvements in our community through recycling" – EH&S Manager, Shepherd Chemical Company

## Commercial Program Results

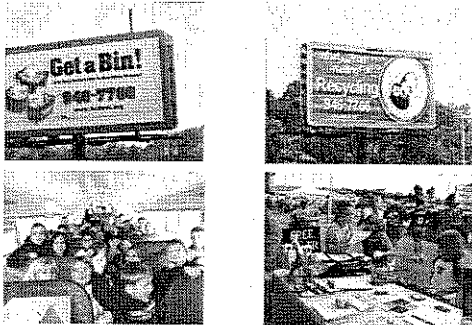
- Pollution Prevention Internship Program
  - New Program initiated in 2004
  - Provide direct technical assistance to Hamilton County manufacturing industries seeking to reduce waste and costs.
  - Three participating firms during 2004-2005.
  - Eliminated 11,000 tons of waste - saving participating firms approximately \$1 million.

"This project resulted in a huge cost savings for us and a huge landfill diversion. The project achieved results better than expected". – EH&S Mgr, Formica Corporation

## Waste Assessments

- Program being added to District services.
- Provide the services of a consulting firm to assist institutions and private sector entities with identifying waste reduction and recycling opportunities.

## Outreach and Education



## Health Department Assistance

- Funding provided to both Hamilton County and Cincinnati Health Departments for enforcement of solid waste laws in Hamilton County.
  - Landfills
  - Transfer Stations
  - Composting Facilities
  - Illegal Dumping

## Continuous Improvement

- Performance Measures will be devised for each program.
  - Financial
  - Programmatic
- Staff will monitor these measures and report to the Policy Committee on need to change or revise programming.

## Fees and Funding

- Fees have been set at minimum allowed by State law since inception in 1989.
  - \$1.00 for in-District waste
  - \$2.00 for out-of-District waste
  - \$1.00 for out-of-State waste
- Plan projections show need for fee increase to \$1.20/\$2.40/\$1.20 in 2011.
- \$1.50/\$3.00/\$1.50 in 2014.

## Ratification Timeline

- Initial notification to District stakeholders in early 2006.
- Final notification to stakeholders in Spring of 2006.
- Public hearing – Spring of 2006.
- 90 day ratification period.
- Submit ratified Plan to OEPA.
- Plan approval – Fall of 2006.