

Presented to:
**Ohio Environmental Health Association
(OEHA) Annual Educational Conference**

OHIO SOLID WASTE MANAGEMENT SYSTEM REVIEW

April 24, 2013

Solid Waste Management Review: Process

4 Phase Process (Approximately 18 months)

Phase I: *Information Gathering*



Phase II: Discussion and Consensus Building

Phase III: *Formal Proposal*

Phase IV: *Legislative Initiative*

Solid Waste Management Review: The Basics

Ohio EPA maintains our commitment to original HB 592 principles:

Waste management must be protective of human health and the environment

Continue to reduce reliance on landfills for solid waste management

But, we continue this process with very few pre-conceived notions about how to maintain that commitment

Solid Waste Management Review: Process

Phase I: *Information Gathering*

March 2012 – June 2012

Informal sit down meetings

- Ohio EPA invitation
- All the obvious interested parties
- Information gathering focus
- Open invitation to others and individual members



Solid Waste Management Districts

County Commissioners

Health Departments

Environmental Groups

Recycling Organizations

Ohio Municipal League

Ohio Township Association

Ohio Chamber

Ohio Manufacturers

Solid Waste Consultants

NSWMA / SWANA

Individual Businesses

Individual Citizens

Planning Organizations

Solid Waste Management Review: Process

Phase 2: *Discussion and Consensus Building*

July 2012 – Spring 2013

Significant resources being directed to research and benchmarking

Various methods of stakeholder engagement depending on issue

Facilitated discussions on certain issues

- Contracting with professional facilitators
- Ohio EPA is also encouraging discussion among IPs

Ultimately seeking consensus-based solutions

Solid Waste Law Review: Solutions Framework

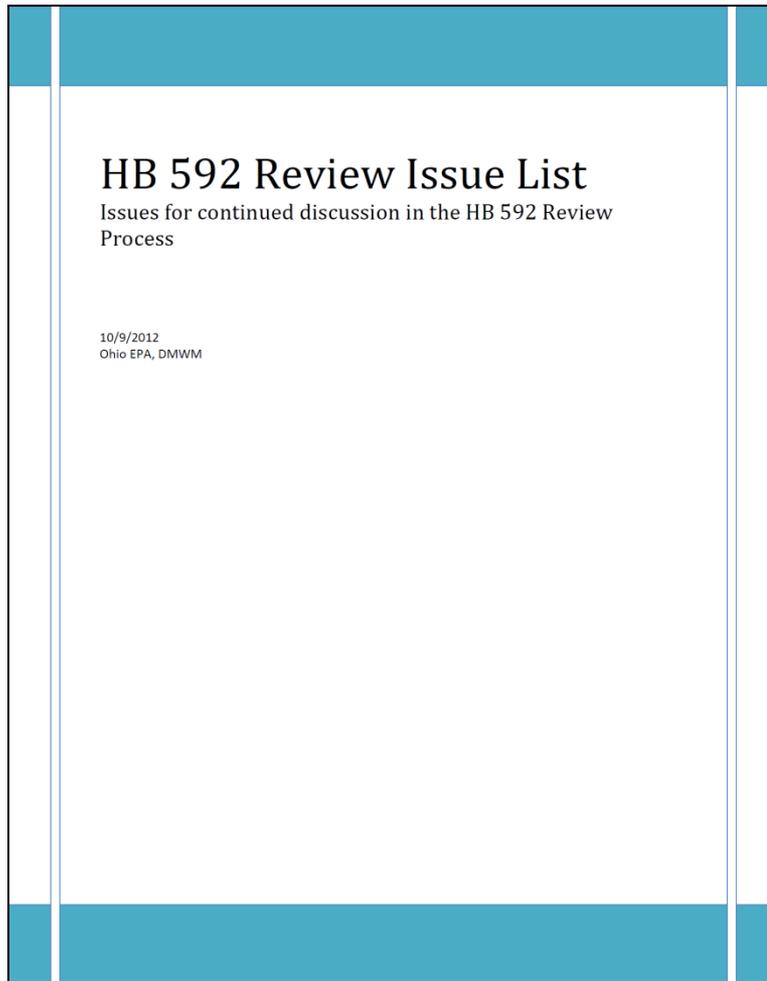
Statutory Changes	Regulatory Changes	Partnerships & Initiatives	Shared Visions and Goals	'Parking Lot' Issue Identification
	Guidance, Policies & BMPs			

Solid Waste Law Review Process: Vision 2035

Final Version (Released March 4, 2013):

“Ohio continues to reduce waste generation. Waste materials that are generated are recognized as important resources that often have significant economic value. These materials are managed in ways that maximize that value and prevent the negative impacts associated with improper management. Ohio will manage waste materials via a competitive and innovative portfolio of best management practices that include recycling, composting, and other beneficial approaches, with disposal as a last resort. These practices are developed and operated by public, private and non-profit stakeholders at all stages of the product life cycle. Landfilling is practiced at an ever decreasing rate, while Ohio strives toward zero landfilling.”

Solid Waste Management Review: Issue List



Nearly 100 issues – all raised from Phase I

As of 10/9/2012, Ohio EPA was willing to commit resources to these issues

Less than 20 issues were removed between Phase II kick-off meetings and the issuance of this list

New update currently in the works.

Solid Waste Management Review: Process

Phase 2: Current Status

Over 15 Phase II meetings have been held thus far on various issues:

- Solid Waste Management District Planning Issues
- SWMD Authorities (including Designation/Flow Control)
- SWMD Consolidation
- Ohio's Scrap Tire Program
- Electronics Recycling
- Facility Oversight

Proposals on several issues are in the drafting stages, including:

- Post-Closure Care
- Abandoned "Orphan" Landfills
- Landfill Redevelopment
- Local Involvement and Responsibility

Other issues remain in the queue ready to be addressed when resources allow

Solid Waste Management Review: Proposals

Proposal



Ohio Solid Waste Management Review

**Solid Waste Management District (SWMD)
Plan Development Cycle Revisions**

DRAFT
Date Issued: March 4, 2013


Proposal Contact: Ernie Stall
614-728-5356 | ernest.stall@epa.state.oh.us
Ohio Environmental Protection Agency
50 W. Town St, Suite 700, Columbus, OH 43215
Mail: PO Box 1049, Columbus, OH 43216-1049

All draft proposals will be issued in a consistent format

Draft Proposals are slated to be released between March and June

Currently anticipate between 20 and 24

Posted to website for public comment prior to final proposal

Solid Waste Management Review: Active Issues

- SWMD Planning Process
- SWMD Consolidation
- Flow Control
- SWMD Authorities
- Scrap Tires
- Facility Oversight
- Post Closure Care
- Orphan Landfills
- SWAC/State Plan
- E-Waste
- Local Responsibility
- Registration Requirements
- Plan Contents
- Venue Recycling
- Organics
- SWMD Structure/Misc
- Beneficial Reuse
- C&DD
- Funding (Fees)
- Landfill Permitting
- Landfill Redevelopment
- Misc.

Solid Waste Management Review: Active Issues

Facility Oversight

Proposal in research and conceptual stage

Initial webinars (Dec. 10) and meetings (Dec. 17) in 2012

Internal group of Ohio EPA staff working on ideas and concepts based on comments from earlier meetings

Currently focused on extensive data gathering

- Health Department funding and activities
- Internal activities
- Inspection standard times and costs

Focused engagement efforts with ODH and Local HDs

Solid Waste Management Review: Active Issues



Solid Waste Management Review: Active Issues

Facility Oversight: December 2012 Meetings

December 17, 2012

Two pre-meeting webinars (December 10, 2012)

Morning with Industry and Afternoon with LHDs

Approximately 40 participants overall

Professional facilitation

Focused on issues with the current system and desired results of any new system

Ohio EPA was at meeting, but remained neutral during discussions

Solid Waste Management Review: Active Issues

Facility Oversight: December 2012 Meetings

December 17, 2012

Common themes from Facility Group: Consistency, Responsiveness, Qualifications and Cost-Effectiveness.

Commons themes from LHD Group: Permitting, Enforcement, Training, Guidance, Frequency, LHD involvement, Recycling Oversight, Funding, C&DD, and law enforcement outreach.

Solid Waste Management Review: Active Issues

Facility Oversight: Internal Ohio EPA Working Group

December - Present

Workgroup members attended the December 17 meetings to listen

Members are actively involved with LHD partnership and enforcement activities

Each District office is represented

Met several times in 2013 to discuss various ideas

Providing guidance for data gathering and draft proposal

Solid Waste Management Review: Active Issues

Facility Oversight: Data Gathering

December 2012 – Present

Gathering information from both LHDs and Ohio EPA

- Working with AOHC to reach out for the best data

Efforts have focused on time and money spent

Spreadsheet recently updated with latest LHD information

Next step is to figure out what it actually cost for individual inspections

[Funding and Frequency Data](#) [Inspection and Time Data](#)

Solid Waste Management Review: Active Issues

Facility Oversight: Proposal

May – Present

Draft proposal will be released for public comment

- Additional outreach expected at that time to bring in as many LHDs as possible

Comments will be reviewed and Ohio EPA will almost surely make changes

Final proposal issued in summer and incorporated into project formal proposal to guide legislative development

Solid Waste Management Review: Process

Phase 3: *Formal Proposal*

Summer 2013

Develop and issue draft recommendations for public comment

Discuss final proposals with SWAC

Issue comprehensive proposal

- Engage in extensive stakeholder outreach and engagement

Finalize and publish final comprehensive proposal

Solid Waste Management Review: Process

Phase 4: *Legislative Initiative*

Late Summer 2013 - ?

Goal is to pursue legislative action jointly with other interested parties

Consensus is ideal, but we will pursue changes without it if necessary

We may take two “bites” at the issues:

- First put forward consensus-based items
- Continue work on contentious items and return for a 2nd round

Ohio Solid Waste Management Review



House Bill 592 (HB 592), passed by the Ohio legislature in 1988, created the structure for the modern-day management of solid waste (garbage) in Ohio.

The law did a variety of things, including requiring Ohio EPA to adopt regulations to ensure that landfills are safe and protective of human health and the environment; creating local solid waste management districts that are responsible for developing and implementing local solid waste management plans; and creating the State Solid Waste Advisory Council (SWAC), which is responsible for developing State recycling goals (among other things). In short, the way that solid waste is regulated and managed in Ohio today is in large part a reflection of what was included in HB 592.

Since HB 592 was passed in 1988, there have been many changes within the solid waste industry, and changes with technology and solid waste management and disposal practices. As a result, Ohio EPA has initiated a comprehensive review of HB 592.

The review will consider Ohio EPA's experience implementing the law, along with the experience gained from all interested parties including the solid waste industry, health departments, solid waste management districts, citizens and businesses. This information and experience will be the basis for proposing the changes necessary to improve the overall solid waste management system in Ohio.

MOST RECENT WEBSITE UPDATES

▶ **Released: Draft Proposal for Planning Revisions**
Comments Due April 1, 2013

▶ **Released: Revised Vision 2035 Statement**

Posted new SWMD documents:

- ▶ Populations Map (50, 100 and 120k)
- ▶ Populations Map (Complete)
- ▶ Populations (2010 Census)

UPCOMING MEETINGS

- ▶ SWMD-Industry
Rules/Authorities and Flow Control
April 11, 2013 10 a.m. – 1 p.m.

➔ **Questions or Comments?**
[Email Christopher Germain](#)
or call (614) 728-5317

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[Issue List](#)

[Data](#)

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During Spring 2013, Ohio EPA will release draft proposals for public review and comment. Draft proposals and comment deadlines will be posted here as they are released. The contact person may be different depending on the issue, so be sure to read the information included in each proposal for specific instructions about providing comments. Any general questions may be directed to [Christopher Germain](#).

Draft Proposal: [SWMD Planning Process Revisions](#)

Date Released: March 4, 2013

Comments Due: April 1, 2013

Questions

Ohio Solid Waste Management Review Process

Project Contact: Christopher Germain
(614) 728-5317

Christopher.germain@epa.state.oh.us

Facility Oversight Contact: Adam Cummins
(614) 728 – 5328

Adam.Cummins@epa.state.oh.us

Ohio EPA
Division of Materials and Waste Management,
Attn: Christopher Germain
PO Box 1049
Columbus OH 43216-1049