



Materials Management Advisory Council

Executive Summary

The Ohio Materials Management Advisory Council (MMAC or Council) was established in 2015 through House Bill 64 of the 131st General Assembly. The primary purpose of MMAC is to provide advice and guidance to the director of Ohio EPA on solid waste issues, including updates to the state solid waste management plan and Ohio EPA's recycling and litter prevention grant programs. MMAC is also tasked with facilitating partnerships that expand markets for recycled commodities.

This document presents MMAC's annual report to the Ohio General Assembly that the council is required by Ohio Revised Code 3734.49. This report provides members of the General Assembly with updates on MMAC's activities and accomplishments in 2019.

MMAC's primary focus in 2019 was completing and adopting an updated version of the state solid waste management plan.

State Solid Waste Management Plan

Ohio law prescribes the contents of the state solid waste management plan. Thus, the state plan must:

- Reduce reliance on the use of landfills for management of solid wastes.
- Establish objectives for solid waste reduction, recycling, reuse, and minimization and a schedule for implementing those objectives.
- Establish restrictions on the types of solid wastes disposed of by landfilling for which alternative management methods are available, such as yard wastes, and a schedule for implementing those restrictions.
- Establish revised general criteria for the location of solid waste facilities.
- Examine alternative methods for disposal of fly ash and bottom ash resulting from the burning of mixed municipal solid wastes.
- Establish a statewide strategy for managing scrap tires.
- Establish a strategy to promote markets for products containing recycled materials and to promote state government using products containing recycled materials.
- Establish a program for the proper separation and disposal of hazardous waste generated by households.

In 2017 and 2018, MMAC devoted substantial time to reviewing the *2009 State Solid Waste Management Plan* and deliberating changes to the goals it prescribes for the solid waste management districts. After significant discussion, MMAC agreed on several changes intended to provide Ohio's SWMDs with additional flexibility when developing local recycling and minimization strategies. These changes were incorporated into Chapter 3 of the *2020 State Solid Waste Management Plan*.

The primary changes are:

- Reducing the percentage of the residential population that solid waste management districts are required to provide recycling opportunities from 90 percent to 80 percent. This will give solid

waste management districts the ability to relocate poorly performing recycling services for better utilization of assets.

- Replacing the industrial waste objective for recycling with providing programs and services to industrial generators. Previously, SWMDs were tasked with a goal to reduce and recycle 66 percent of the industrial waste generated in their member counties. Due to the lack of a data submission requirement, the data gathered and used to judge the industrial waste goal was found to be unreliable at best. This change allows for the reallocation of solid waste management districts' staff time from collecting unreliable data in favor of working with industrial generators on improving their recycling programs.

Market Development Strategy

In 2019, MMAC focused on developing a market development strategy to include in the new state solid waste management plan. Lack of markets is often one of the primary barriers to recycling certain materials. In some cases, it is the distance from the collection service or processing facility which makes getting the material to the end user cost prohibitive. In other cases, it is due to inadequate processing capacity. Those factors combined with the low value of recyclable commodities and high contamination levels have led to steep increases in the cost services. Ohio EPA can bring interested parties together to discuss possible solutions.

In early 2019, MMAC convened a subcommittee of five members to provide recommendations to Ohio EPA for a market development strategy. The subcommittee helped Ohio EPA identify key stakeholders and contact those stakeholders. Stakeholders the subcommittee contacted included:

- Ohio Department of Transportation, Office of Materials Management.
- Jobs Ohio.
- Innovate Ohio.
- OSU's Sustainability Institute.
- Rumpke.
- Kurtz Brothers.
- Flexible Pavements of Ohio.
- Clean Lights.

Based on input from stakeholders, the subcommittee recommended Ohio EPA focus its market development strategy on the following four materials:

- organics, primarily food waste.
- glass.
- plastic.
- fiber.

Ohio EPA used recommendations from the stakeholders that were consulted and the subcommittee's input to identify short-and long-term objectives. Some of the primary market development strategies included in the *2020 State Solid Waste Management Plan* are:

- Upgrade equipment at material recovery facilities
- Increase capacity for food recovery
- Convene a subcommittee to develop a long-term strategy for addressing markets for glass in Ohio

- Dedicated plastics processing facility
- Fiber-only collection program

MMAC approved the *2020 State Solid Waste Management Plan* at the October 16, 2019 meeting and Director Stevenson adopted it on November 21, 2019.

Membership

MMAC is comprised of thirteen members appointed by the Governor to serve terms of three years. The composition of MMAC is designed to include key stakeholders in Ohio's comprehensive solid waste management system. Seven members represent interests of the public sector and six members represent interests of the private sector.

In January 2020, Governor DeWine appointed two new members to MMAC. Robert Schmidt, an attorney with Porter Wright, was appointed as the member representing Solid Waste Management Districts. John Daly, principal owner of Royal Document Destruction, was appointed as a member representing the private sector. The chart below presents the current members of MMAC:

Current Membership of the Materials Management Advisory Council

- Chuck DeJonckheere, Hamilton County Public Health
- John F. Bayliss, Logan County Commissioners
- Jennifer Fenderbosch, Councilwoman, City of Avon Lake
- Paul F. Wise, Genoa Township
- Robert Schmidt, Porter Wright
- Frank Szollosi, National Wildlife Federation
- Kelly Bensman, Hull & Associates, Inc.
- Kimberly McConville, Ohio Beverage Association
- Michael Dinneen, AggRok
- Kathy Trent, Waste Management, Inc.
- Alex Boehnke, Ohio Council of Retail Merchants
- Brian W. Winter, Scotts Miracle-Gro Company
- John Daly, Royal Document Destruction