

Materials Management Advisory Council

Report to the General Assembly for Calendar Year 2016

Introduction

The Ohio Materials Management Advisory Council (MMAC or Council) was established in 2015 through Ohio House Bill 64. The new Council combines the functions of two former councils – the Solid Waste Management Advisory Council and the Recycling and Litter Prevention Advisory Council. 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.

MMAC is required to meet at twice a year but can meet more often as deemed necessary by the chairperson or a majority of the members. Currently, by agreement, MMAC is meeting every-other month. The Council is comprised of thirteen members appointed by the Governor to serve terms of three years. The composition of the Council 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.

Membership

The table below presents the current membership of MMAC:

Table 3: Membership of the Materials Management Advisory Council

Seat	Name	Organization
Health District (public sector)	Vacant	Vacant
County (public sector)	John F. Bayliss	Logan County Commissioners
Municipality (public sector)	Jennifer Fenderbosch	City of Avon Lake
Township (public sector)	Paul F Wise	Genoa Township
Solid Waste Management District (public sector)	Jenna Hicks	Delaware, Knox, Marion, Morrow Joint SWMD
Environmental Advocacy (public sector)	Frank Szollosi	National Wildlife Federation
General Public (public sector)	Kelly Bensman	Hull & Associates, Inc.
Private Sector	Kimberly McConville	Ohio Soft Drink Association
Private Sector	Michael Dinneen	AggRok
Private Sector	Kathy Trent	Waste Management, Inc.
Private Sector	Colin Gallagher	American Tire Distributors
Private Sector	Brian W. Winter	Scotts Miracle-Gro Company
Private Sector	Beth Mowrey	The Shelly Company

2016 Meetings

In 2016, MMAC met five times. A summary of each meeting is provided under the heading for each meeting date:

April 18, 2016

This was the inaugural council meeting. The following occurred at this meeting:

- The director of Ohio EPA appointed the chairperson, and the Council members selected the vice-chairperson and secretary (see the Actions taken to date section of this report for more information).
- Council members agreed to meet bi-monthly, at least initially, on the third Thursday of the month beginning in June.
- The Council established its priorities for the first year as the following:
 - Adopting by-laws
 - Discussing the planning function of Ohio EPA in support of solid waste management districts, and
 - Developing the annual report to the legislature which is required by law

Topics discussed at the April 18 meeting included:

- The solid waste system in Ohio and MMAC's relationship to it;
- The state solid waste management plan and MMAC's responsibilities related to that plan;
- The need for a waste characterization study to evaluate the municipal solid waste generated and disposed of in Ohio.
- A future materials exchange program for reusing, recycling, and repurposing materials through which one company's waste becomes another's resource.
- The Recycling & Litter Prevention Grant Program. Currently the grant program encompasses four different grants: Community Development, Litter Management, Market Development, and Scrap Tires. MMAC advises Ohio EPA on the grant programs.

June 16, 2016

At the second meeting, the Council adopted by-laws that were developed by a working group of members.

Topics discussed at this meeting included:

- An overview of the grants that were awarded for 2016 through the Recycling and Litter Prevention Grant Program;

- A summary of the recent scrap tire summit that was organized by the Organization of Solid Waste Districts of Ohio (OSWDO). The goal of the summit was to bring the various stakeholders together and create a framework for action.
- Ohio Senate Bill 333 which was introduced in May. The bill includes several environmental provisions including three waste-related provisions.
- The 2016 Work Plan for MMAC which laid out four main goals: launch the council (and establish bylaws); develop and approve an annual report covering 2015; discuss legislative recommendations; and complete early stages of the State Plan update process.
- An overview of the local solid waste management district planning system and what possible changes the council may want to explore in the coming years. As part of this item, council members heard perspectives from a number of stakeholders.

August 18, 2016

Topics discussed at the third meeting included:

- An overview of changes happening in the Division of Materials and Waste Management (DMWM) as a result of the Division's recent re-organization.
- Chaz Miller, with the National Waste and Recycling Association, provided a presentation on the state of recycling in America. He focused on three specific changes he has observed in the last ten years. The three key trends he discussed were the evolving ton, markets, and sustainable materials management.
- An overview of the provisions in Senate Bill 333 that address C&DD transfer facilities, using environmental penalties to clean up abandoned and closed landfill sites in Ohio, improving Ohio EPA's ability to access properties in order to perform clean-ups, and alternative financial assurance options for C&DD facilities.
- An overview of legislative changes that Ohio EPA proposed in the recent past to improve the solid waste management planning process.

October 20, 2016

Topics discussed at the fourth meeting included:

- The status of Senate Bill 333
- An overview of the state solid waste management plan and MMAC's role
- The report to the legislature

Actions taken by MMAC to date

Election of Officers

At the April 18 meeting, Ohio EPA Director Butler appointed Michael Dinneen of the Construction and Demolition Debris Association of Ohio (representing the private sector) as the chairperson.

Council members elected Kathy Trent of Waste Management, Inc. (representing the private sector) as vice-chairperson and Jennifer Fenderbosch of the City of Avon Lake (representing municipalities) as secretary.

Adoption of by-laws

At the June 16, 2016 meeting, MMAC adopted by-laws to govern how the council will operate.

Letter to Senator Hite supporting the solid waste portions of Senate Bill 333

At the October 20 meeting, MMAC voted to support establishing a regulatory program for C&DD recycling and transfer facilities as well as confirming the Director's ability to clean up imminent and substantial threats to the environment.

State Solid Waste Management Plan

One of MMAC's primary responsibilities is to provide the director of Ohio EPA with advice and guidance regarding the state solid waste management plan. MMAC has expressed interest in revising the solid waste planning process to streamline the process and remove unnecessary and burdensome requirements. Without changing the laws that govern solid waste planning, MMAC's most direct route to affect solid waste planning is through the state solid waste management plan.

Ohio law prescribes the contents of the state solid waste management plan. Among other things, the state plan must establish objectives for solid waste reduction, recycling, reuse, and minimization. While MMAC cannot change the requirements for the state plan, the Council has direct influence on the goals as those are not prescribed by law.

At the October 20, 2016 meeting, MMAC decided to move forward with reviewing the goals established in the *2009 State Solid Waste Management Plan* with the intention of updating those goals. That process will likely consume the majority of the Council's time in 2017.

To guide the review, MMAC established the following as priorities:

- 1) Review Goal 1 (providing residents with opportunities to recycle)
- 2) Review Goal 2 (waste reduction and recycling rate)

- 3) Review Goals 3 (minimum education requirements) and 4 (outreach and education outreach plan and general requirements)
- 4) Review Goals 6 (economic incentives) and 8 (market development)

In addition to discussing the *2009 State Solid Waste Management Plan* at regular meetings, MMAC and Ohio EPA will communicate through webinars. To that end, Ohio EPA will schedule a webinar for January to inform members about Goal 1. The Council will then further discuss Goal 1 and begin considering potential changes to the goal.

Material Disposed, Recovered, and Generated in Ohio

Ohio EPA annually calculates and publishes the quantities of solid waste generated, disposed and reduced/recycled in Ohio. These quantities are important for monitoring solid waste trends and for effective solid waste management planning.

Ohio EPA tracks solid waste by two sectors– the residential and commercial sector (R/C sector) and the industrial sector. Solid waste from the R/C sector is essentially municipal solid waste. Industrial solid waste is generated primarily by manufacturing operations.

The quantities of waste disposed come from reports by owners/operators of solid waste facilities submit to Ohio EPA annually. In these reports, owners/operators summarize the types, origins, and amounts of waste that were accepted at their facilities. Ohio EPA adjusts the reported disposal data by adding in waste exported to other states.

The quantities of material recycled/reduced are the sum of material reported by the 52 solid waste management districts (SWMDs) in annual reports the SWMDs submit to Ohio EPA. SWMDs obtain reduction and recycling data by surveying communities, recycling service providers, collection and processing centers, commercial and industrial businesses, owners/operators of composting facilities, and other entities that handle recyclables.

Our council recognizes that the economic headwinds of volatile commodity prices have further challenged existing recycling programs both in the private and public sectors. We further recognize limitations of outmoded survey collection methods to measure industrial recycling rates.

Given these challenges and more, our council will review major aspects of the system including collection, recycling rate measurements, sorting, processing, and other aspects of the solid waste management and recycling system in Ohio.