

Air Quality Management Plan Framework

Structure & Component Options

AQM Subcommittee Meeting

Washington, DC

Topics

- **The AQMP Concept**
 - What it is, who is involved, and why they are doing it
- **Framework and Elements**
 - Example of what an AQMP might look like
 - Structure & component options
- **Benefits and Impacts**
 - What's different about the AQMP?
 - What's the appeal of it to states, local governments and MJOs?
- **Next Steps**

The AQMP Concept

- A means of transitioning to multi-pollutant approaches for managing air quality
- Developed at the discretion of the state and/or local governments and/or a multi-jurisdictional organization
- Comprehensive, integrated and interactive planning across a broad spectrum of air issues and pollutants among environmental, energy and transportation entities at several levels of government
- May include, at the entities' option, a focus on criteria pollutants, regional haze, toxics, climate change and other state/local/regional issues important to the geographic area
- A way of communicating to the public, industry and stakeholders on the full scope of air issues that government entities and their partners are taking action on

Framework and Elements – Part I

- **Executive Summary**
 - Presents philosophy and direction
 - Summarizes key components and discusses how they will be implemented
- **Overview**
 - Explains concept of AQMP & provides context for current plan vs the past
 - Discusses how plan developed, who involved and process
 - Discusses benefits and impacts of an AQMP
- **Air Quality Requirements & Goals**
 - Purpose – *why are we doing an AQMP?*
 - Challenges
 - Current requirements & goals addressed in the AQMP (both Federal and state/local)

Framework and Elements – Part II

- **Air Quality, Health & Ecosystem Effects**
 - Explains current air quality issues in the area covered by the plan – *what are the problems in the area?*
 - Includes both criteria and non-criteria pollutants
 - Discusses health effects and other issues for all pollutants covered by the plan
- **Air Emissions Assessment**
 - Provides a picture of where the area is and may be in terms of its current and future emissions inventories from all sources – *what does it look like now?*
 - Discusses how emissions will be monitored, what modeling has been done, and what/how information is being provided to stakeholders and the public
- **Strategy for Managing Emissions from New & Existing Sources**
 - Outlines the various control strategies and other measures the area is undertaking in the stationary, area and mobile sectors – *what are we doing about it?*
 - Covers all pollutants addressed by the plan

Framework and Elements –Part III

- **Future Air Quality**
 - Provides the future air quality picture based on implementation of the strategies and measures in the AQMP – *where do these actions get us?*
- **Implementation**
 - Explains how the organizations involved in the AQMP will execute the programs and strategies outlined in the AQMP – *how will we get this done?*
- **Looking Beyond Current Requirements**
 - Provides a forward look at air quality requirements on the horizon and how the area is approaching those issues
- **Glossary & Appendices**
 - Detailed technical support documents and information

Benefits & Impacts of an AQMP

- **Optimizing mix of control measures for multiple pollutants and taking interactive effects into account**
- **Potentially reaching attainment in a more efficient and cost-effective way, while getting greater overall reductions of pollutants**
- **Making better use of limited Federal, State, local and Tribal resources, and those of the regulated community, for improving air quality**
- **Making it easier and less expensive for potentially affected sources to plan installation of controls and/or process changes, rather than having to install them in a piece-meal fashion.**
- **Provides a regular mechanism for presenting the public with a comprehensive picture of what is happening with the air quality where they live**
- **Explains how agencies at all levels of government are working together and with industry and other stakeholders to protect the public health and ecosystems**

Discussion & Next Steps

- **Suggestions for taking the AQMP concept forward:**
 - **Anticipate questions and concerns from states and others & develop responses**
 - **Outline the benefits to states, locals and/or other entities for doing an AQMP**
 - **Develop joint pilot program with EPA**
 - **Other thoughts???**