

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Thursday, May 30, 2002
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
Scottsdale: Larry Person
Chandler: Jim Weiss
*Gilbert: Danielle Typinski
Glendale: Doug Kukino
Mesa: J. Collum Hunter for Christine Zielonka
*Phoenix: Gaye Knight
*Tempe: Tom Moore
*Citizen Representative: Walter Bouchard
*Arizona Lung Association: David Feuerherd
*Salt River Project: Chris Janick
Southwest Gas Corporation: Brian O'Donnell
*Arizona Public Service Company: Susan Szabo
for Scott Davis
Western States Petroleum Association: Gina Grey
Valley Metro: Betsy Turner for Bryan Jungwirth
Arizona Motor Transport Association: Dave Berry
Maricopa County Farm Bureau: Jeannette Fish
Arizona Rock Products Association: Samuel
Aubrey for Rusty Bowers
*Greater Phoenix Chamber of Commerce: Heidi
Koopman

*Associated General Contractors: David Martin
*Homebuilders Association of Central Arizona:
Connie Wilhelm-Garcia
American Institute of Architects - Central Arizona:
H. Maynard Blumer
*Valley Forward: Peter Allard
University of Arizona - Cooperative Extension:
Patrick Clay
Arizona Department of Transportation: Pat Cupell
Arizona Department of Environmental Quality:
Mike George for Peter Hyde
Maricopa County Environmental Services
Department: Jo Crumbaker
*Arizona Department of Weights and Measures: Mark
Ellery
Federal Highway Administration: Ed Stillings for
Dennis Mittelstedt
Arizona State University: Judi Nelson
Salt River Pima-Maricopa Indian Community:
Stan Belone for B. Bobby Ramirez
*Citizen Representative: David Rueckert

*Those members were neither present nor represented by proxy.

OTHERS PRESENT

Cathy Arthur, Maricopa Association of
Governments
Dean Giles, Maricopa Association of
Governments
Doug Collins, Maricopa Association of
Governments
Bryant Powell, City of Apache Junction
Dena Konopka, Arizona Department of
Environmental Quality
Susie Stevens-Matthews, Stevens & Leibow
Beverly Chenausky, Arizona Department of
Transportation

Lindy Bauer, Maricopa Association of Governments
Jean Parkinson, Pinal County Air Quality Control
District
Kelly McMullen, Maricopa County Department of
Transportation
Eileen Klein, Arizona House of Representatives
Barbara Lockwood, Pinnacle West Capital
Corporation
Mark Wheaton, Arizona Department of
Transportation
Renee Kongshang, Maricopa County Environmental
Services Department

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on May 30, 2002. Larry Person, City of Scottsdale, Acting Chairman, called the meeting to order at approximately 1:30 p.m. Gina Grey, Western States Petroleum Association, attended the meeting through teleconference.

2. Approval of the April 11, 2002 Meeting Minutes

The Committee reviewed the minutes from the April 11, 2002 meeting. Doug Kukino, City of Glendale moved, and Jim Weiss, City of Chandler seconded, and the motion to approve the April 11, 2002 meeting minutes carried unanimously.

3. National Environmental Performance Tracking Award Presented to Scottsdale

Mr. Person gave a presentation on the National Environmental Performance Tracking Award presented to Scottsdale. He mentioned that in December 2000, Scottsdale was named one of 225 charter members of the National Environmental Performance Track Program and noted that Scottsdale was the only municipality to be named as a charter member. Mr. Person briefed the Committee on the requirements and objectives of the Program including: the use of environmental management systems, public and private sector stakeholder involvement, independent reviews of results, EPA collaboration, and fostering continual learning.

4. Finding of Inadequacy for the Serious Area PM-10 Plan

Lindy Bauer, Maricopa Association of Governments, indicated that the Environmental Protection Agency has proposed a finding of inadequacy for the Serious Area Particulate Plan for PM-10 due to exceedances of the 24-hour standard at the Salt River monitoring site. In 1997, EPA had approved an attainment demonstration for this site in the ADEQ Microscale PM-10 Plan which showed that there would be no violations of the 24-hour standard after 1998. Ms. Bauer mentioned that a new revision to correct the inadequacy must be submitted to EPA within 18 months. She indicated that the Arizona Department of Environmental Quality and Maricopa County Environmental Services Department are organizing a stakeholders group that will assist in addressing the problem.

Brian O'Donnell, Southwest Gas Corporation, asked about the proximity of the Salt River monitoring site to other sites that might be generating fugitive dust. Jo Crumbaker, Maricopa County Environmental Services Department, responded that the monitor is located near 22nd Avenue, .25-mile south of Lower Buckeye Road. She indicated that although fugitive dust from construction is a contributor, construction activity has not occurred near the monitor since 1995. Ms. Crumbaker noted that the inventory or the attainment demonstration used in the microscale plan is flawed.

Ms. Bauer added that the City of Phoenix consistently implemented measures near the monitoring site, including the paving of haul roads near the landfills. Maynard Blumer, American Institute of Architects, inquired about the plan to create natural parks for the Salt River and the potential for a

reduction of PM-10. Ms. Grey informed the Committee about PM-10 video cameras used in Nevada and indicated it could be considered for identifying the problem here.

Dave Berry, Arizona Motor Transport Association, asked about the stakeholder meetings. Ms. Crumbaker replied that a meeting was scheduled for June 25, 2002, 4:00-6:00 p.m. at South Mountain Community College Student Union. She noted that the Arizona Department of Environmental Quality was sending out meeting announcements. Mike George, Arizona Department of Environmental Quality, indicated that the study area was approximately 32 square miles. Bill Buck, Arizona Auto Hobbyist Council, indicated that near 26th Street and Broadway Road there is so much concrete dust present that it creates a layer of gray dust on the road.

5. 2001 Milestone Report for the Maricopa County PM-10 Nonattainment Area

Ms. Bauer briefed the Committee on the 2001 Milestone Report for the Maricopa County PM-10 Nonattainment Area prepared by the Arizona Department of Environmental Quality. The report demonstrates that the measures are being implemented and that the 2001 milestones have been achieved. She highlighted committed measures from the report including “Strengthening and better enforcement of fugitive dust control rules” and “PM-10 efficient street sweepers”.

6. Review of the MAG Methodologies for Evaluating CMAQ Projects

Cathy Arthur, Maricopa Association of Governments, informed the Committee that on April 29, 2002, a workshop was held to review the MAG methodologies for evaluating Congestion Mitigation and Air Quality (CMAQ) projects. The workshop consisted of an overview of the MAG funding and priority processes, the current methodologies used to evaluate CMAQ projects, and the Sierra Research evaluation of the MAG methodologies. She noted that approximately 40 persons attended. Ms. Arthur highlighted sections including the seven recommendations from the report. She noted that a working paper is forthcoming and proposed that a delphi process be used at the next Committee meeting for weighting the pollutants.

Samuel Aubrey, Arizona Rock Products Association, asked if the CMAQ methodology presented a rational process. Ms. Arthur responded that the methodology is used to evaluate approximately \$31.4 million in CMAQ suballocated annually to the MAG region and the revisions to the MAG methodologies are expected to be used this fall for evaluating projects for FY 2008. Ms. Arthur further explained that projects are evaluated and receive priority in terms of emissions reduced.

Mr. Blumer commented on recommendation #1 from the report. He noted that there are dust bowl conditions in Colorado and Kansas and criteria should be developed for accounting for drought cycles. Ms. Arthur responded that the objective would be to attain the standard and overcorrect for natural conditions to minimize any health impacts. Ms. Bauer indicated that the Arizona Department of Environmental Quality has a natural events policy consistent with EPA, however research would need to be done on whether a drought cycle could be considered as a natural event for PM-10 purposes.

Mr. Berry commented on recommendation #2 from the report which includes the calculation of nitrogen oxides emissions. Ms. Arthur mentioned that nitrogen oxide emissions are recommended for calculation in the revised methodology since the region has exceeded the 8-hour ozone standard.

7. Comments on the Implementation of the 8-Hour Ozone Standard

Ms. Bauer provided a status report on the preliminary comments drafted in response to the Environmental Protection Agency 8-hour ozone standard implementation policy issues. She emphasized that the comments were draft and subject to change and that the Committee was the first to review them. Ms. Bauer presented draft comments on the following issues: Classification of Areas, Attainment Dates, Transport, Transportation Conformity, and CMAQ Implications.

Regarding the draft comments on the issue of Classification of Areas, Mr. O'Donnell asked why the three most recent years of monitoring data should be used for classifying the area. Ms. Bauer responded that the most recent three years of actual monitoring data could possibly indicate attainment of the 8-hour standard. According to the Maricopa County monitoring data, the three year average for 2001 was .085 parts per million, which is just slightly over the standard. Regarding the draft comment on the Transport issue, Mr. Berry, asked if the region was in a downwind or upwind area. Ms. Bauer indicated that it could possibly be both situations.

Regarding the draft comments on the issue of Transportation Conformity, Mr. Berry inquired about the speed correction curves. Ms. Arthur responded that the emissions model MOBILE6 is not as sensitive as MOBILE5a in correcting vehicle speeds. Mr. Berry asked about the benefits of traffic light synchronization projects. Ms. Arthur replied that the benefits may have been overestimated in MOBILE5a and the EPA is more confident in the estimates produced by MOBILE6.

Regarding the draft comments on the issue of CMAQ Implications, Mr. Berry suggested that a recommendation should be made that CMAQ funding be continued in the reauthorization of the Surface Transportation Act. It is uncertain at this point. He also recommended that since the CMAQ program is funded with highway user revenues, priority for funding should be given to areas where transportation-related emissions are a major source of the air quality problem.

8. Conformity Update

Ms. Arthur provided an update on the MAG Conformity Analysis for the FY 2003-2007 MAG Transportation Improvement Program and MAG Long Range Transportation Plan 2002 Update. She indicated that a notice was published on June 1, 2002 announcing the availability of the documents for public review and the public hearing scheduled for July 1, 2002. Ms. Arthur noted that it is anticipated the Committee would make a recommendation on the Conformity Analysis on July 3, 2002. The Management Committee and Regional Council are anticipated to take action on the finding of conformity at the July 10, 2002 and July 24, 2002 meetings, respectively.

9. Strengthened Enforcement of Maricopa County Rule 310

Mr. Cleveland announced that this item would be postponed until the July meeting.

10. Call to the Public

An opportunity was provided to members of the public to address the MAG Air Quality Technical Advisory Committee. No comments were presented.

11. Call for Future Agenda Items

Mr. Cleveland indicated the next meeting of the Committee is tentatively scheduled for July 3, 2002, if necessary.

Ms. Crumbaker announced to the Committee that a workshop on new generators would be held this summer. Mr. Blumer inquired about air quality monitoring near the Pima and Bell Road vicinity since the opening of the freeway. Ms. Crumbaker responded that no special monitoring has taken place beyond the existing monitoring system. Betsy Turner, Regional Public Transportation Authority, inquired about funding opportunities for the Governor's Ozone Alert Program. Ms. Bauer replied that the High Pollution Advisory Program for this summer has been continued by Maricopa County and the Arizona Department of Environmental Quality. Mr. George added that ozone research was underway and a different methodology for forecasting ozone will be used. Mr. O'Donnell asked why the 8-hour ozone standard monitoring would start prior to the implementation of the standard. Mr. George added that the 8-hour ozone standard had been in place since 1997.