

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

Thursday, November 7, 2002  
MAG Office  
Phoenix, Arizona

MEMBERS PRESENT

\*Stephen Cleveland, City of Goodyear, Chairman  
Avondale: David Cano for Michael Powell  
Chandler: Jim Weiss  
Gilbert: John Trujillo for Danielle Typinski  
Glendale: Ben Johnson for Doug Kukino  
Mesa: Christine Zielonka  
Phoenix: Gaye Knight  
Scottsdale: Larry Person  
\*Surprise: Robert Zobel  
\*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: Scott Davis  
Western States Petroleum Association: Gina Grey  
Valley Metro: Bryan Jungwirth  
\*Arizona Motor Transport Association: Dave Berry  
\*Maricopa County Farm Bureau: Jeannette Fish  
\*Arizona Rock Products Association: 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:  
Stephen J. Andros for 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:  
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

\*Members neither present nor represented by proxy.  
\*\*Participated via telephone conference call.

OTHERS PRESENT

Joe Gibbs, City of Phoenix  
Ruey-in Chiou, Maricopa Association of  
Governments  
Taejoo Shin, Maricopa Association of Governments  
Dean Giles, Maricopa Association of  
Governments  
Scott DiBiase, Maricopa Association of  
Governments

Lindy Bauer, Maricopa Association of Governments  
Corky Martinkovic, Arizona Department of  
Environmental Quality  
Jean Parkinson, Pinal County Air Quality Control  
District  
Donna Moran, Town of Gilbert  
Tom Remes, Maricopa Association of  
Governments

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on November 7, 2002. Gaye Knight, City of Phoenix, Acting Chairman, began a discussion of the agenda items at approximately 1:30 p.m. Ed Stillings, Federal Highway Administration, attended the meeting by telephone conference call. Ms. Knight announced that agenda item #6, Maricopa County Trip Reduction Program 2002 Annual Report, would be heard at a future meeting.

3. Arizona Center for Law in the Public Interest Brief for the PM-10 Air Quality Lawsuit

This item was taken out of order. Lindy Bauer, Maricopa Association of Governments, informed the Committee that on October 21, 2002, the Arizona Center for Law in the Public Interest filed its brief which challenges the approval actions by Environmental Protection Agency for the Revised MAG 1999 Serious Area Particulate Plan for PM-10. The issues are failure of the Plan to include California Air Resources Board (CARB) diesel fuel and sufficiently stringent agricultural control measures. She indicated that EPA staff had put together possible outcomes of the lawsuit. Ms. Bauer noted that the EPA brief is due November 19, 2002 and would provide a copy to Committee members.

Ms. Knight requested clarification on the possible outcomes. Ms. Bauer responded that the possible outcomes outlined by EPA were: (1) the Ninth Circuit upholds EPA approval of the Plan; (2) the Ninth Circuit returns the plan to EPA to correct deficiencies without vacating the approval; and, (3) the Ninth Circuit vacates EPA approval of the Plan and could enforce EPA to promulgate a PM-10 Federal Implementation Plan.

Christine Zielonka, City of Mesa, asked if it was a possibility that the Court action would open the door for changes to other plan measures. Ms. Bauer noted that it would be difficult to predict the court. Larry Person, City of Scottsdale, asked if the court were to vacate the EPA approval of the Plan, would there be any relief available from the sanctions clock. Ms. Bauer replied that the sanctions clock would start if the Plan is disapproved. She noted that the EPA disapprovals of the 1991 MAG Moderate Area PM-10 Plan started the sanction clocks in 1998 and the interim final determination to approve the Revised MAG 1999 Serious Area Particulate Plan for PM-10 stayed the sanction clocks in April 2000.

Ms. Zielonka asked if MAG or the Arizona Department of Environmental Quality (ADEQ) would be filing a brief with the court. Ms. Bauer indicated that MAG had not taken a position on whether it would file a brief in the lawsuit. Peter Hyde, ADEQ, mentioned that he did not know if his agency would file a brief. Brian O'Donnell, Southwest Gas Corporation, inquired why the lawsuit was referred to the U.S. Ninth Circuit Court of Appeals. Ms. Bauer noted that this was the appropriate court for this lawsuit. Bryan Jungwirth, Valley Metro, mentioned the filing of "friend of the court" briefs by the agencies supporting the PM-10 Plan. Jo Crumbaker, Maricopa County Environmental Services Department, indicated that it is a delicate balance for intervenors.

2. Approval of the October 3, 2002 Meeting Minutes

Ms. Knight called the meeting to order. The Committee reviewed the minutes from the October 3, 2002 meeting. Mr. Jungwirth moved and Mr. O'Donnell seconded, and the motion to approve the October 3, 2002 meeting minutes carried unanimously.

4. Regional Haze Plan Update

Corky Martinkovic, Arizona Department of Environmental Quality, provided an update on activities to develop the state regional haze plan. She mentioned that Section 169A of the Clean Air Act requires visibility protection for federal Class I areas. Ms. Martinkovic noted that the state is developing the regional haze plan using the Section 309 approach. The ADEQ began a stakeholder process in August 2001. Currently seven work groups are underway with plan completion scheduled for October 2003. She mentioned ongoing work products from the seven work groups (Dust Management Work Group, Emission Inventory Work Group, Fire Emissions Work Group, Mobile Source Work Group, Pollution Prevention Work Group, Stationary Source Work Group, and Technical Assessment Work Group).

Ms. Martinkovic also indicated that three committees provide oversight and coordination for the development of the regional haze plan: Stakeholder Advisory Committee, Project Oversight Committee, and Outreach Communications Committee. She announced that a public workshop is scheduled on December 5, 2002. Ms. Martinkovic also noted that provisions in House Bill 2585 authorizes the department to participate in the regional planning effort of the Western Regional Air Partnership and that the Section 309 approach may be used only if the plan revision contains a determination that mobile sources emissions do not contribute significantly to visibility impairment in the 16 Class I areas identified by the Grand Canyon Visibility Transport Commission.

Ms. Knight clarified that if mobile source emissions do not significantly impair visibility that ADEQ would proceed with the 309 state implementation plan. Ms. Zielonka indicated that the Outreach Committee will be getting the word out to the public.

5. Status Report on the MAG Carbon Monoxide Maintenance Plan

Ruey-in Chiou, Maricopa Association of Governments, presented a status report on the MAG Carbon Monoxide Maintenance Plan designed to demonstrate maintenance of the standard through the year 2015. Ms. Chiou reviewed the elements of the maintenance plan and the agency responsibilities. She highlighted committed measures used for numeric credit and the 2015 carbon monoxide reductions from the individual maintenance measures, emission inventories, the modeling protocol and modeling results for the maintenance demonstration.

Ms. Chiou indicated that maintenance of the carbon monoxide standard for 2015 was evaluated and demonstrated with the maximum modeled value of 8.65 parts per million (ppm). The 8-hour carbon monoxide standard is 9 ppm. She noted that the adequate motor vehicle emissions budget of 412.2 metric tons per day from the Revised Serious Area Carbon Monoxide Plan and would continue to

be used until an EPA adequacy finding is made on the 2015 maintenance budget of 662.3 metric tons per day.

Ms. Chiou mentioned that air quality data from the monitors will verify continued attainment status and that there have been no carbon monoxide violations for calendar years 1997-2001. She also addressed contingency measures in the maintenance plan and maintenance plan revisions that are required eight years after the original redesignation request/maintenance plan is approved. Finally, she provided a tentative schedule with a public hearing on the Draft MAG Carbon Monoxide Maintenance Plan in December 2002/January 2003; MAG Air Quality Technical Advisory Committee, Management Committee, and Regional Council action in January/February 2003; and plan submission to ADEQ and EPA in February 2003.

Ms. Zielonka inquired about the committed measure “CARB Phase 2 with 3.5% Oxygenate in Winter”. Ms. Bauer noted that this is California Air Resources Board reformulated gasoline. Ms. Zielonka asked if the Draft MAG Carbon Monoxide Maintenance Plan would be available at city libraries. Ms. Bauer indicated she would check on this.

7. MAG Regional Council Action on the Prioritized List of PM-10 Certified Street Sweeper Projects for FY 2003 CMAQ Funding

Lindy Bauer, Maricopa Association of Governments, provided a review of events since the October 3, 2002 Air Quality Technical Advisory Committee recommendation on the prioritized list of PM-10 certified street sweeper projects for FY 2003 Congestion Mitigation and Air Quality (CMAQ) Improvement funding. Ms. Bauer noted that MAG staff received questions following the Committee recommendation. MAG staff was asked to provide a comparison of the Committee recommendation with the CMAQ evaluation for the Management Committee. Ms. Bauer explained that the Committee did not have the comparison before, since the Committee had not yet made its recommendation.

Ms. Bauer indicated that when the Committee recommendation was compared to the ten highest ranking sweeper projects submitted by the City of Phoenix, the ten Phoenix sweeper projects have a 33 percent greater air quality impact, provide the highest cost-effectiveness and air quality impacts of all sweeper projects, and offer the most benefit for transportation conformity. She noted that the CMAQ funding needed to be used for sweepers with the most air quality benefit. Ms. Bauer presented a table that had been presented to the Management Committee identifying the jurisdictions which received 28 sweeper projects for fiscal years 2001 and 2002.

Ms. Bauer noted that based on the additional information, a recommendation was made by the Management Committee to approve a prioritized list of proposed PM-10 certified street sweeper projects for FY 2003 CMAQ funding that includes the highest ranking ten City of Phoenix sweepers and give priority to the remaining list of sweeper projects having the greatest air quality impact for any additional FY 2003 CMAQ funds that may become available due to year-end closeout, including any redistributed obligation authority, or additional funding received by this region from the Revenue Aligned Budget Authority provisions until the funds are expended. On October 30, 2002, the MAG

Regional Council approved the recommendation by the Management Committee for the prioritized list of PM-10 certified street sweeper projects for FY 2003 CMAQ funding.

Ms. Zielonka requested that MAG host a workshop on the street sweeper methodology and application process next year. She indicated that completing the application is more art than science and that smaller jurisdictions need a level playing field. Ms. Bauer indicated that the workshop is an excellent suggestion.

8. 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.

9. Call for Future Agenda Items

Ms. Knight indicated the next meeting of the Committee is tentatively scheduled for December 5, 2002, if necessary.

Mr. Person requested a report on PM-10 violations. In addition, Ms. Knight requested that staff prepare a summary of forthcoming air quality issues and schedule.