

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

Thursday, January 15, 2004
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
Avondale: Michael Powell
*Buckeye: Carroll Reynolds
Chandler: Jim Weiss
*Gilbert: Tami Ryall
Glendale: Doug Kukino
Mesa: Lee Mendelzon for Scott Bouchie
Phoenix: Gaye Knight
*Scottsdale: Larry Person
*Surprise: Jerry Huston
Tempe: Oddvar Tveit
*Citizen Representative: Walter Bouchard
*Arizona Lung Association: Bill Pfeifer
Salt River Project: Chris Janick
Southwest Gas Corporation: Brian O'Donnell
Arizona Public Service Company: Jim Mikula
#Western States Petroleum Association: Gina Grey
Valley Metro: Randi Alcott
*Arizona Motor Transport Association: Dave Berry
*Maricopa County Farm Bureau: Jeannette Fish
*Arizona Rock Products Association: Rusty Bowers
*Greater Phoenix Chamber of Commerce: Michelle Rill

Associated General Contractors: Amanda McGennis
*Homebuilders Association of Central Arizona:
Connie Wilhelm-Garcia
American Institute of Architects - Central Arizona:
Stephen J. Andros
Valley Forward: Peter Allard
University of Arizona - Cooperative Extension:
Patrick Clay
Arizona Department of Transportation: Mark
Wheaton for Pat Cupell
Arizona Department of Environmental Quality:
Peter Hyde
Maricopa County Environmental Services
Department: Jo Crumbaker
*Arizona Department of Weights and Measures:
Duane Yantorno
*Federal Highway Administration: 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

Lindy Bauer, Maricopa Association of Governments
Dean Giles, Maricopa Association of Governments
Julie Hoffman, Maricopa Association of
Governments
Roger Roy, Maricopa Association of Governments
Joe Gibbs, City of Phoenix
Jean Parkinson, Pinal County Air Quality Control
District
Carolyn Novak, Stevens & Stevens, P.C.

#Linda Young, Intel
Mark Lewandowski, Arizona Department of
Environmental Quality
Steven Peplau, Arizona Department of Environmental
Quality
Ira Domskey, Arizona Department of Environmental
Quality
Laura Tsosie, Arizona Department of Transportation
Blue Crowley, Citizen

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on January 15, 2004. Doug Kukino, City of Glendale, Acting Chairman, called the meeting to order at approximately 1:45 p.m. Linda Young, Intel, and Gina Grey, Western States Petroleum Association, attended the meeting via telephone conference call.

2. Call to the Audience

Mr. Kukino recognized public comment from Blue Crowley, Citizen, who commented on the Regional Transportation Plan, including fire walls and profitability. He mentioned the profitability of crosswalks and bike lanes and asked how much life is worth. Mr. Crowley polled the Committee to determine the number of people who carpooled or used transit. He mentioned that rubber tire transit is not receiving as much of the budget as originally promised and that the plan is not getting it done. Mr. Crowley added that he does not agree with excluding the Gila River Indian Community from the eight-hour ozone nonattainment area boundary and mentioned the growth occurring south of Queen Creek. Stephen Cleveland, City of Goodyear, Chairman, thanked Mr. Crowley for his comments.

3. Approval of the November 24, 2003 Meeting Minutes

The Committee reviewed the minutes from the November 24, 2003 meeting. Michael Powell, City of Avondale, moved and Jim Weiss, City of Chandler, seconded and the motion to approve the November 24, 2003 meeting minutes carried unanimously.

4. EPA Modification to Eight-Hour Ozone Nonattainment Area Boundary

Lindy Bauer, Maricopa Association of Governments, provided the Committee with an update on the eight-hour ozone nonattainment area boundary. On December 3, 2003, the Environmental Protection Agency (EPA) indicated its intent to modify the Governor's recommendation for the eight-hour ozone nonattainment area boundary to include Area A in Pinal County. The EPA noted that it is contiguous with the Phoenix metropolitan area and includes Apache Junction, Pinal County's largest city. Ms. Bauer mentioned that the Arizona Department of Environmental Quality (ADEQ) submitted eight-hour ozone monitoring data indicating that two monitors violated the standard in 2003. This is down from three violating monitors in 2002 and six in 2001. Ms. Bauer also presented an eight-hour ozone boundary timeline.

Mr. Powell commented on Area A in Pinal County being contiguous with the Phoenix metropolitan area. He asked that MAG take a look at whether expanding the urbanized area to include Apache Junction will result in distributing federal funds over a larger area.

5. Proposed Salt River PM-10 State Implementation Plan Revision

Ira Domsy, Arizona Department of Environmental Quality, gave a status report on the Proposed Salt River PM-10 State Implementation Plan (SIP) Revision. Mr. Domsy mentioned that ADEQ reconciled the modeling, concentrations, and emissions inventory to arrive at a pie chart that splits the emissions into source categories. He indicated that 2002 was a worse than average year for

PM-10. The ADEQ worked closely with Maricopa County to develop a list of candidate Best Available Control Measures (BACM) / Most Stringent Measures (MSM), which is included in the plan. He added that the next step is to refine the BACM/MSM analysis and in one year have the rules in place. Mr. Domsky mentioned that land owners in the Salt River area are being determined to help control access in the area. A public hearing on the SIP Revision is scheduled for January 21, 2004, and the deadline for submitting the plan to EPA is February 2, 2004.

Gaye Knight, City of Phoenix, asked for clarification on the difference between the SIP typically submitted to EPA and a committal SIP. She also inquired about the SIP requirements in the Clean Air Act or by EPA. Mr. Domsky responded that including a list of candidate control measures in the SIP is not mentioned in the Clean Air Act; however, EPA does allow it if the measures are in place within one year after submittal. He added that EPA has six months after submittal to determine if the SIP is complete. Ms. Knight expressed concern that the Clean Air Act might require all candidate BACM/MSM control measures listed in the plan be implemented. Mr. Domsky replied that the Clean Air Act requires each significant source category to have Most Stringent Measures implemented. Some of the control measures may overlap, but if a MSM is being implemented somewhere in the United States, this region will have to implement it as well.

Mr. Powell referred to page 6-7, Table 6-5, in the Proposed Salt River PM-10 SIP Revision Technical Support Document. He inquired about which source category might make the most dramatic reductions in PM-10. Mr. Domsky responded that there are a variety of sources that contribute to nonattainment. Mr. Powell mentioned the Congestion Mitigation and Air Quality Improvement (CMAQ) funding and projects included in the Transportation Improvement Program. Mr. Domsky mentioned that the Salt River study area has large background concentrations, meaning pollution is coming into the area, and that the extent of the PM-10 problem is intense. Mr. Powell suggested using dollar amounts instead of the percent of change in emissions in Table 6-5.

Mr. Kukino asked if the control measures will need to be implemented in just the Salt River study area or throughout the Valley. Mr. Domsky responded that control measures will need to be implemented throughout the nonattainment area. He added that it is important to structure the control measures to be most effective.

Mr. Weiss commented on the progress being made with street sweepers. He asked if there will be a control measure for street sweepers. Mr. Domsky replied that there are many options available in selecting the control measures to be implemented. Mr. Weiss asked whether commitments will be requested from the cities or if a regulation will be required. Mr. Domsky responded that if required, the commitments would be similar to those included in the Revised 1999 MAG Serious Area Particulate Plan.

Ms. Knight thanked ADEQ for listening to suggestions and doing a good job in preparing the Proposed Salt River PM-10 SIP Revision. She referred to Page 6-8 of the Technical Support Document which states that primary roads have a net decrease of 31 percent with the assumptions that all sweepers in the Salt River study area are PM-10 efficient and doubling the road cleaning frequency from once every two weeks in 2002 to once a week in 2006. Ms. Knight indicated that this statement may be too risky since trackout is a problem even when the roads are swept. She

asked if the cities will be held responsible for paying to keep the streets clean of trackout. Trackout control may be more effective than increasing sweeping frequency.

Lee Mendelzon, City of Mesa, commented that the Arizona Pollutant Discharge Elimination System (AZPDES) program, which addresses stormwater runoff, may help to reduce PM-10 emissions. Jo Crumbaker, Maricopa County Environmental Services Department, responded that AZPDES parallels Maricopa County Rule 310. Mr. Mendelzon stated that AZPDES requirements do parallel Maricopa County Rule 310; however, the education and enforcement of the AZPDES permit could help reduce PM-10 emissions. Mr. Domsy mentioned including this new information when factoring effectiveness. Ms. Crumbaker added that Maricopa County will include the AZPDES information when completing the feasibility analysis.

Mr. Cleveland asked if comments on the Proposed Salt River PM-10 SIP Revision need to be made at the public hearing. Mr. Domsy responded that it is preferred to have comments made at the public hearing and part of the official record.

Mr. Powell questioned whether the minutes can be submitted as comments. Ms. Bauer responded that the general comments made by the Committee can be summarized and submitted to ADEQ. Amanda McGennis, Associated General Contractors, asked if the comments submitted by the Committee would imply that all members agree with the statements made. Ms. Bauer responded that the general comments could just be summarized. Mr. Cleveland encouraged the Committee to submit any comments at the public hearing.

6. Draft Air Quality Projects for the MAG FY 2005 Work Program

Ms. Bauer briefed the Committee on three new projects being proposed for consideration in the MAG FY 2005 Unified Planning Work Program and Annual Budget that is currently being developed. Background information was provided on the Biogenic Survey, Silt Loading Study, and Urban Heat Island Project. Ms. Bauer mentioned that the MAG Regional Council ultimately has the authority to include these projects.

Peter Hyde, Arizona Department of Environmental Quality, commented that this is his first knowledge of these projects and suggested forming an official subcommittee to discuss the projects before coming to the Committee. Joe Gibbs, City of Phoenix, indicated he supports the forming of an official subcommittee.

Gina Grey, Western States Petroleum Association, inquired about a biogenic study conducted several years ago. Ms. Bauer responded that a biogenic study was done in the early 1990s which used input from the 1990 ozone plan. She added that more data are required to run the CMAQ air quality models, which are very sensitive to biogenics. Ms. Grey asked if the earlier study would show less biogenics than today due to all the new development. Ms. Bauer replied that the new ozone nonattainment area is far larger and includes northeastern Maricopa County. Ms. Grey referred to the Urban Heat Island Project and commented that California has done a great deal of research in this area.

Mr. Cleveland commented on the idea of forming an official subcommittee and that a greater understanding and more support of the projects would be beneficial. Ms. Grey asked if MAG is

working in collaboration with ADEQ. Ms. Bauer responded that MAG is in the very early stages of the process and is just talking with the Committee about the proposed projects for consideration for the upcoming Work Program. There is no recommendation at this time. Ms. Grey suggested gathering support for the projects before going to the MAG Regional Council. Ms. Bauer indicated that if the MAG Regional Council decides to include these projects in the Work Program, perhaps a subcommittee could then be formed to review the data from these projects as the data is generated.

Mr. Powell inquired about the time frame for the federal funds that would be used for the projects. Ms. Bauer responded that the FY 2005 Work Program begins July 1, 2004. Mr. Powell expressed support for forming an official subcommittee. Mr. Cleveland encouraged MAG, Maricopa County, City of Phoenix, and ADEQ to discuss creating greater support for the projects.

7. Update on the One-Hour Ozone Redesignation Request and Maintenance Plan for the Maricopa County Nonattainment Area

Ms. Bauer gave an update on the schedule for the One-Hour Ozone Redesignation Request and Maintenance Plan for the Maricopa County Nonattainment Area. Recent adjustments to the plan include: new information on power plant emissions, the inclusion of commitments for Maricopa County VOC reasonably available control technology rules, and including NOx budgets in the plan. Previously, EPA had indicated that NOx budgets were not necessary. However, EPA recently decided that NOx budgets need to be included in the plan. Ms. Bauer added that a public hearing will be held jointly with ADEQ. An update will be provided at the next meeting.

8. Call for Future Agenda Items

Mr. Cleveland announced that the next meeting of the Committee is tentatively scheduled for February 5, 2004.