

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

Thursday, May 13, 2004
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
*Avondale: Michael Powell
Buckeye: Carroll Reynolds
Chandler: Jim Weiss
Gilbert: Brian Townsend for Tami Ryall
Glendale: Doug Kukino
Mesa: Scott Bouchie
Phoenix: Gaye Knight
Scottsdale: Larry Person
*Surprise: Jerry Huston
*Tempe: Oddvar Tveit
*Citizen Representative: Walter Bouchard
American Lung Association of Arizona: 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: Steve Trussell
for 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
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: 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

Lindy Bauer, Maricopa Association of Governments
Dean Giles, Maricopa Association of Governments
Julie Hoffman, Maricopa Association of
Governments
Cathy Arthur, Maricopa Association of Governments
Ruey-in Chiou, Maricopa Association of
Governments

Eric Anderson, Maricopa Association of
Governments
Roger Roy, Maricopa Association of Governments
Jean Parkinson, Pinal County Air Quality Control
District
Cathy Chaberski, City of Glendale
Laura Tsosie, Arizona Department of Transportation
Jeff Baxter, Stevens & Stevens, P.C.

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on May 13, 2004. Stephen Cleveland, City of Goodyear, Chairman, began discussion of the agenda items at approximately 1:40 p.m. since a quorum was not present.

2. Call to the Audience

Mr. Cleveland stated that, according to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the table adjacent to the doorway inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Public comment is provided at the beginning of the meeting for nonagenda items and nonaction agenda items. Mr. Cleveland noted that no public comment cards had been received.

5. Eight-Hour Ozone Standard Area Designations

This item was taken out of order since a quorum was not present. Lindy Bauer, Maricopa Association of Governments, informed the Committee that on April 15, 2004, the Environmental Protection Agency (EPA) officially designated this region a nonattainment area for the eight-hour ozone standard. The nonattainment area is mainly in Maricopa County as well as the Municipal Planning Area of Apache Junction in Pinal County. She mentioned that EPA categorized the region as a Basic Nonattainment Area, which means more general and flexible nonattainment requirements in Subpart 1 of the Clean Air Act will apply to this area. Ms. Bauer discussed the 2003 eight-hour ozone monitor data and presented a timeline.

Peter Allard, Valley Forward, asked if the Gila River Indian Community is included in the nonattainment area. Ms. Bauer responded that the Gila River Indian Community was designated attainment/unclassifiable. However, the Fort McDowell Yavapai Nation and the Salt River Pima-Maricopa Indian Community have been included in the nonattainment area.

6. Salt River PM-10 State Implementation Plan Revision

Ms. Bauer provided the Committee with an update on PM-10 issues and the Salt River PM-10 State Implementation Plan (SIP) Revision. She presented PM-10 monitor data for the annual and 24-hour standards and mentioned that the region cannot have any violations for three consecutive years beginning January 1, 2004. A Five Percent Plan will be due by December 31, 2007 if the standards are not met. Ms. Bauer discussed the Serious Area Plan revisions and the need to add PM-10 to the CMAQ allocation formula under SAFETEA (Safe, Accountable, Flexible, and Efficient Transportation Equity Act of 2003). She also mentioned the lawsuit on the Serious Area Particulate Plan for PM-10 and the Ninth Circuit Court ruling, filed on May 10, 2004. The EPA is currently evaluating the implications of the lawsuit.

Doug Kukino, City of Glendale, asked when the cities will need to make street sweeper commitments for the Salt River PM-10 SIP Revision. Ms. Bauer responded that the commitments for measures need to be submitted in August with the plan. She referred to the ADEQ timeline distributed to the Committee and stated that ADEQ plans to have the draft Salt River PM-10 SIP

Revision available for public comment by June 14, 2004. Mr. Kukino asked if City Council approval is needed for street sweeping commitments. Ms. Bauer responded that was correct. Mr. Kukino commented on the time constraint. Mr. Hyde encouraged suggestions on other options.

Ms. Knight asked for clarification on what is due by June 14, 2004. Mr. Hyde responded that ADEQ is requesting the commitments by June 14, 2004, when the plan is made available for public comment; however, the draft plan could possibly be released without all of the commitments included. Ms. Knight asked if the February 2, 2004 Salt River PM-10 SIP Revision showed that attainment on low wind days could be achieved by doubling street sweeping in certain areas. Mr. Hyde responded that was correct.

Scott Bouchie, City of Mesa, commented that the City of Mesa has already gone through the budget process. He mentioned the gravel operations along Loop 202 and asked who would sweep that area. Mark Wheaton, Arizona Department of Transportation, responded that contractors do sweep Loop 202 and that ADOT does not have many street sweepers. He will report back on this issue. Brian O'Donnell, Southwest Gas, added that Loop 101 could possibly require additional sweeping as well.

Mr. Hyde commented on the amount of PM-10 emissions that come from paved roads. Dave Berry, Arizona Motor Transport Association, asked if additional credit is given for PM-10 efficient street sweepers. Mr. Hyde responded that the issue has not been discussed and that it seems reasonable to consider sweeping less frequently in some areas in order to increase the sweeping of target areas. Mr. Berry inquired about the number of PM-10 efficient street sweepers. Ms. Bauer responded that there are about 52 PM-10 efficient street sweepers in the region. Mr. Berry commented on targeting the sweeping in the hot spot areas and how important it is to have PM-10 included in the CMAQ allocation formula. Ms. Bauer mentioned the effort and the members of the Arizona Congressional Delegation involved in making sure PM-10 is included in the formula.

Mr. Kukino asked if credit has been taken for PM-10 efficient street sweepers. Mr. Hyde replied that credit has been taken and is embedded in the plan. He mentioned that the plan submitted February 2, 2004 showed large reductions in emissions due to doubling the frequency of street sweeping. Mr. Hyde added that every measure included in the final plan needs to be implemented throughout the nonattainment area and that it does not make economic sense to increase the sweeping frequency over the entire area. Ms. Knight suggested moving sweepers from residential areas to target areas of concern. Mr. Cleveland asked if increasing the sweeping frequency in more traveled areas would help demonstrate attainment. Mr. Hyde responded that it is not so much the vehicle miles traveled, but the condition of the road.

Mr. Cleveland asked about the standard for vacant lots. Jo Crumbaker, Maricopa County Environmental Services Department, stated that Maricopa County is working with industries and that keeping trespassers off of vacant lots has been a challenge. Ms. Knight commented on increasing enforcement of Rule 310.01 and the amount of emission reductions from prevention. Mr. Hyde discussed how trackout contributes to the PM-10 problem and the emission reductions possible by increasing enforcement of Maricopa County Rules 310, 310.01, and 316. Ms. Crumbaker mentioned the Maricopa County Hotline. Mr. Cleveland asked to have an email sent out to the Committee providing the website for environmental complaints.

Mr. Bouchie commented on street sweeping after heavy rainfall and storm water regulations. Mr. Hyde responded that ADEQ would appreciate some expertise in that area. Ms. Knight commented that some of the cities may have street sweeping commitments from earlier plans and that the City of Phoenix already has street sweepers immediately targeting areas affected by heavy rainfall.

3. Approval of the March 4, 2004 Meeting Minutes

Mr. Cleveland indicated that a quorum was now present. He then called the meeting to order. The Committee reviewed the minutes from the March 4, 2004 meeting. Mr. Kukino, moved and Ms. Knight, seconded and the motion to approve the March 4, 2004 meeting minutes carried unanimously.

4. Evaluation of Proposed CMAQ Projects for Federal Fiscal Year 2004 Interim Year End Closeout

Dean Giles, Maricopa Association of Governments, gave a presentation on the evaluation of proposed Congestion Mitigation and Air Quality Improvement projects for Federal FY 2004 Interim Year End Closeout. He indicated that the deadline for submitting projects was April 30, 2004 and that 22 projects were evaluated. The proposed projects were evaluated using the revised CMAQ methodology and ranked in order of estimated emission reductions and cost-effectiveness. The evaluation results were provided for a possible recommendation to forward to the MAG Transportation Review Committee (TRC) for use in prioritizing the projects. Mr. Giles added that the Committee could rank the Air Quality projects and forward this list for the May 27, 2004 TRC meeting.

Mr. Berry commented on the cost-effectiveness of the CMAQ projects with PM-10 emission reductions. Mr. Cleveland clarified that the request for closeout funds is for the remaining three street sweepers and \$50,000 in additional CMAQ funds for a Litchfield Park sweeper that has already been allocated. Mr. Berry commented that street sweepers have a large impact at a relatively low cost. Mr. Cleveland asked if Mr. Berry is suggesting all cities should be purchasing street sweepers due to the PM-10 problem. Mr. Berry responded that was correct. Ms. Knight stated that the City of Phoenix is not in the position to fund additional operators and provide the required match. Ms. Bauer discussed the current closeout process and mentioned that MAG will be allocating funds for FY 2005 street sweepers in August or September.

Mr. Berry suggested that a member of the Committee participate in the evaluation of projects for closeout funds. He added that the ranking next year should show where the region will get the most benefit for the money spent. Mr. O'Donnell suggested establishing a certain amount of funding for CMAQ projects with PM-10 emission reductions. Ms. Knight mentioned that the budget is already set for the City of Phoenix. Ms. Bauer stated that funds have been allocated for street sweepers for FY 2005-2007 and that it is anticipated funds will be allocated in the next TIP update for FY 2008-2010. She added that she will check on the schedule for the next allocation.

Brian Townsend, Town of Gilbert, asked if the Gila River Indian Community is still requesting the purchase of the remaining three street sweepers. Mr. Giles replied that is correct and MAG received a resolution from the Community Council. Mr. Townsend inquired about when the street sweepers need to be purchased. Mr. Giles responded that the funds for sweepers may be carried forward in the MAG Work Program.

Mr. Townsend questioned whether the three Chandler projects could be evaluated separately. Mr. Giles responded that if requested by the Chair of the TRC, the projects could be evaluated separately, but they were evaluated together due to overlap. Mr. Townsend asked how the ranking would change if the Chandler projects were separated. Mr. Giles replied that more research would have to be done since they were overlapping. Mr. Townsend asked if the City of Chandler would like the projects evaluated and ranked together. Jim Weiss, City of Chandler, stated that he did not have the information with him.

Mr. Cleveland stated that the Valley Metro Rail project is requesting \$20 million, which would only leave \$900,000 of closeout funds remaining. He mentioned that funding the Valley Metro Rail project in full may jeopardize the funding for the CMAQ projects with PM-10 emission reductions. Mr. Berry inquired about the closeout process. Mr. Cleveland discussed the role of the Committee and stated that if the Committee is not satisfied with the recommendation of the TRC, there is an opportunity to mention it at the MAG Management Committee.

Mr. Berry discussed the importance of the CMAQ projects with PM-10 emission reductions. He mentioned a resolution sent to the MAG Regional Council and suggested voting all projects down. Mr. O'Donnell asked if setting aside funding for purchasing street sweepers would help the Salt River PM-10 SIP Revision demonstrate attainment. Mr. Hyde replied that it would help by providing a cushion.

Mr. O'Donnell made a motion to allocate 50 percent of the federal FY 2004 interim year end closeout funds for CMAQ projects with PM-10 emission reductions. Mr. Townsend inquired about closeout funds that are not allocated. Mr. Giles responded that it is intended the Obligation Authority be used prior to the end of the fiscal year. Mr. Berry commented on the number of projects that may have some impact on PM-10. Mr. Cleveland informed the Committee that the recommendation is forwarded to the TRC, then it goes to the Management Committee and Regional Council.

Mr. O'Donnell mentioned the inclusion of additional applications from the cities for street sweepers. Mr. Berry requested amending the motion to include total cost-effectiveness. Mr. Cleveland asked for a separate motion to rank the CMAQ projects with PM-10 emission reductions in Attachment C. Mr. Berry made a motion to adopt Attachment C and rank the City of Phoenix, 43rd Avenue, Rio Salado to Roeser Road project first, followed by the MAG regionwide funding for the remaining three FY 2004 street sweepers for the Gila River Indian Community and to increase funding for the FY 2003 City of Litchfield Park street sweeper project. The motion was seconded by Ms. Knight.

Mr. Berry commented on the weighting factors used for the different pollutants in the evaluation. Mr. Cleveland asked if it is possible to rank projects based on PM-10 reductions. Cathy Arthur, Maricopa Association of Governments, responded that the projects could be evaluated and ranked based on PM-10 reductions. She also explained the weighting factors and seasonal factors used in the evaluation.

Ms. Knight asked if the motion is for future recommendations. Mr. O'Donnell responded that the motion is for the current recommendation. Ms. Knight mentioned the match requirements for the purchase of street sweepers. Mr. Berry suggested forwarding the list of projects indicating which

have the biggest impact on the PM-10 problem. Ms. Bauer responded that the Committee typically forwards the CMAQ evaluation to the TRC for their use in prioritizing projects.

Mr. Berry asked if the \$20 million being requested for the Valley Metro Rail project is the starting system. Mr. Giles replied that the \$20 million is for the 20-mile minimum operating segment. Mr. Berry inquired if the funds are already planned and spent. Mr. Giles responded that the total cost of the project has increased from \$1.04 billion last year to \$1.3 billion this year.

Mr. Berry stated that Attachment B, which ranked the CMAQ projects by total cost-effectiveness, was a better approach than Attachment A, which ranked projects by emission reductions. Mr. Weiss made a motion to recommend forwarding the Attachment B ranking of projects by total cost-effectiveness to the MAG Transportation Review Committee for use in prioritizing projects. The motion was seconded by Jeannette Fish, Maricopa County Farm Bureau. Chris Janick, Salt River Project, suggested that MAG staff stress the concerns of the Committee for the PM-10 problem. Mr. Bouchie asked if the funds can be used to contract for street sweeper services. Mr. Giles responded that he would report back on this issue.

Ed Stillings, Federal Highway Administration, stated that Attachment B supports immediate benefit. Mr. O'Donnell expressed concern that Attachment B will not help ADEQ with the Salt River PM-10 SIP Revision process. Mr. Hyde suggested a possible change in the process where the dollars per ton of PM-10 reduced would be evaluated for each CMAQ project. Ms. Bauer responded that MAG could evaluate each of the projects by pollutant in the future process, if the Committee so desired.

Mr. Cleveland stated that a question had been called for the method of evaluating CMAQ projects following the two prioritized Air Quality projects listed in Attachment C. He asked for a vote on the motion to forward Attachment B of the CMAQ evaluation, ranking the projects by total cost-effectiveness, to the MAG Transportation Review Committee for use in prioritizing projects. The motion carried with Ms. Knight and Mr. Berry voting no.

7. Call for Future Agenda Items

Mr. Berry requested a future agenda item to discuss process reform in order to solicit the appropriate types of projects for the closeout process.

Ms. Crumbaker mentioned an Orientation Workshop that encourages people to participate in the Industry Challenge/Good Neighbor Partnership to Help Reduce Toxics in South Phoenix. The workshop will be held on June 8, 2004. Mr. Berry asked the boundaries of the South Phoenix Area. Ms. Crumbaker responded 48th Street to 51st Avenue and Baseline Road to Van Buren Street.

Mr. Cleveland announced that the next meeting of the Committee is tentatively scheduled for June 3, 2004.