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

Tuesday, May 22, 2007
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
#Jess Segovia, Avondale
Michael Salisbury for Lucky Roberts, Buckeye
#Jim Weiss, Chandler
*Jamie McCullough, El Mirage
Lisa Taraborelli for Tami Ryall, Gilbert
Doug Kukino, Glendale
Scott Bouchie, Mesa
Joe Gibbs for Gaye Knight, Phoenix
Larry Person, Scottsdale
Antonio DeLaCruz, Surprise
Tamara Bednarik for Oddvar Tveit, Tempe
Larry Crisafulli for Walter Bouchard, Citizen Representative
Corey Woods, American Lung Association of Arizona
Wendy Crites for Barbara Sprungl, Salt River Project
*Brian O'Donnell, Southwest Gas Corporation
Mark Hajduk, Arizona Public Service Company
#Gina Grey, Western States Petroleum Association
*Randi Alcott, Valley Metro
Dave Berry, Arizona Motor Transport Association
Jeannette Fish, Maricopa County Farm Bureau
Russell Bowers, Arizona Rock Products Association
*Michelle Rill, Greater Phoenix Chamber of Commerce
Amanda McGennis, Associated General Contractors
Spencer Kamps for Connie Wilhelm-Garcia, Homebuilders Association of Central Arizona
*Stephen J. Andros, American Institute of Architects - Central Arizona
*Mannie Carpenter, Valley Forward
Kai Umeda, University of Arizona Cooperative Extension
Beverly Chenausky, Arizona Department of Transportation
Peter Hyde, Arizona Department of Environmental Quality
#Wienke Tax, Environmental Protection Agency
Jo Crumbaker, Maricopa County Air Quality Department
*Duane Yantorno, Arizona Department of Weights and Measures
Ed Stillings, Federal Highway Administration
*Judi Nelson, Arizona State University
*B. Bobby Ramirez, Salt River Pima-Maricopa Indian Community
*David Rueckert, Citizen Representative

*Members neither present nor represented by proxy.
#Participated via telephone conference call.
+Participated via video conference call.

OTHERS PRESENT

Lindy Bauer, Maricopa Association of Governments
Cathy Arthur, Maricopa Association of Governments
Taejoo Shin, Maricopa Association of Governments
Dean Giles, Maricopa Association of Governments
Julie Hoffman, Maricopa Association of Governments
Patrisia Navarro, Maricopa Association of Governments
Ranjith Dandanayakula, Maricopa Association of Governments
Ieesuck Jung, Maricopa Association of Governments
Scott Di Biase, Pinal County Air Quality
Shane Kiesow, City of Apache Junction
Brent Stoddard, City of Glendale
Mario Saldamando, City of Goodyear
Steve Trussell, Arizona Rock Products Association
Jane McVay, Arizona Department of Transportation
Corinne Purtill, The Arizona Republic
John Nadeau, Hythane Company
Stephen Sparks, City of Mesa
Ian Linssen, City of Mesa

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on May 22, 2007. Stephen Cleveland, City of Goodyear, Chair, called the meeting to order at approximately 1:35 p.m. Jim Weiss, City of Chandler; Jess Segovia, City of Avondale; Wienke Tax, Environmental Protection Agency; and Gina Grey, Western States Petroleum Association, attended the meeting via telephone conference call. He noted that due to a 3:00 p.m. meeting at the legislature that many Committee members will be attending, this meeting will adjourn at approximately 2:30 p.m.

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. He noted that no public comment cards had been received.

3. Approval of the April 26, 2007 Meeting Minutes

The Committee reviewed the minutes from the April 26, 2007 meeting. Corey Woods, American Lung Association of Arizona, moved and Jeannette Fish, Maricopa County Farm Bureau, seconded and the motion to approve the April 26, 2007 meeting minutes carried unanimously.

4. Evaluation of Proposed CMAQ Projects for the Federal FY 2007 Interim Year End Closeout

Dean Giles, Maricopa Association of Governments, gave a presentation on the evaluation of proposed Congestion Mitigation and Air Quality Improvement (CMAQ) projects for Federal FY 2007 Interim Year End Closeout. He indicated that the deadline for submitting projects was April 26, 2007 and ten projects were evaluated. Mr. Giles stated that there were no new projects submitted and the closeout includes existing projects from the MAG Transportation Improvement Program (TIP). He noted that most of the projects are requesting funds to be advanced in the TIP or requesting additional funds. Mr. Giles stated that in order for the CMAQ funds to be obligated by the end of Federal FY 2007, the projects need to be in an advanced stage of development. He indicated that the amount available for funding Federal FY 2007 Interim Year End Closeout projects is $13.86 million. Mr. Giles noted that all of the projects can be funded. The projects submitted have an approximate cost of $9.34 million.

Mr. Giles stated that Attachment A contains the results of the project evaluation with the estimated emission reductions and the cost effectiveness. He indicated that the projects are ranked in order from most cost-effective to least cost-effective based on the total CMAQ cost. Mr. Giles stated that the first project listed in Attachment A is the funding of the remaining four PM-10 certified street sweepers for FY 2007. Attachment B contains the Air Quality Project from Attachment A. He indicated that the Committee may make a recommendation to forward the CMAQ evaluation in Attachment A to the MAG Transportation Review Committee (TRC) for use in prioritizing projects. In addition, the Committee may make a recommendation to forward the Air Quality Project in Attachment B to the TRC for the May 24, 2007 meeting.

Wienke Tax, Environmental Protection Agency, referred to the memorandum provided in the agenda packet. She requested clarification on the statement that says the remaining funds are recommended

to maintain fiscal balance in the TIP. Mr. Giles responded that the recommendation from MAG transportation staff is that the remaining funds, approximately $4 million, be carried over in the TIP to maintain balance with the remaining CMAQ projects in the TIP. Mr. Cleveland asked if it would fund future year projects. Mr. Giles replied that is correct.

Ms. Tax inquired about the sweeping frequency of the PM-10 certified street sweepers included in the Air Quality Project. Mr. Giles responded that he would report back on the sweeping frequency. He indicated that the daily emission reductions for the City of Litchfield Park, City of Mesa-Falcon Field, City of Goodyear, and City of Mesa sweepers would be eleven kilograms per day (kg/day), six kg/day, five kg/day, and one kg/day, respectively. Ms. Tax commented on the MAG Silt Loading Study and street sweepers sweeping more than once per week. Mr. Giles indicated that he would provide Ms. Tax with the information.

Ms. Tax inquired about the meaning of the term WAN mentioned in the description for one of the projects. Mr. Giles replied that WAN is the acronym for wide area network. He indicated that it is a coverage of fiber optic cable.

Mr. Cleveland commented on the Committee encouraging the communities as they receive the street sweepers to try to sweep more frequently or provide additional information. He mentioned the benefit for dust control. Lindy Bauer, Maricopa Association of Governments, stated that the cities are asked to provide information such as the number of lane miles swept when they submit projects. Mr. Giles stated that the estimated emission reductions are based, in part, on the sweeping frequency. He indicated that the sweeping frequency of the four sweepers was provided; however, he does not have the information with him. Mr. Giles stated that MAG anticipates continuing to collect that information for FY 2008 street sweepers.

Ms. Tax asked if a call was placed to the cities. She indicated that she was surprised that there are a number of projects that do not address particulate matter and that needs to be the priority right now. Mr. Giles responded that these are existing projects in the TIP. He indicated that the projects need to obligate by the end of Federal FY 2007. Mr. Giles stated that the Federal Highway Administration or the Arizona Department of Transportation (ADOT) like to know by August if the project will obligate. He mentioned that the projects have to be in an advanced stage of development. Mr. Cleveland inquired about a separate process where MAG seeks additional projects that can be eligible. Mr. Giles replied that MAG looks to see if there are projects that can be advanced that can result in the obligation of the federal funds. He added that the projects are typically those well underway.

Amanda McGennis, Associated General Contractors, inquired about previous City of Surprise projects. Mr. Giles responded that the last evaluation conducted was for the update of the TIP in October 2006. The evaluation was to program projects for 2012, the last year of the TIP.

Peter Hyde, Arizona Department of Environmental Quality, indicated that he hesitates to endorse the entire evaluation. He commented on a project requesting $2.4 million in CMAQ funds. Mr. Hyde stated that this project should be funded by some other transportation funds and the $2.4 million in CMAQ funds allocated to the project should be used for PM-10 control measures. He discussed the financial and legal challenges for some of the control measures such as paving unpaved roads. Mr. Hyde stated that the CMAQ funds should be going toward those types of projects. Mr. Giles indicated that there are currently no paving unpaved road projects that could be

advanced to utilize the CMAQ funds. Mr. Cleveland commented that the funds need to be obligated by September 30, 2007. Mr. Giles replied that is correct.

Ms. Fish commented that the projects ranked numbers five, six, eight, nine, and ten show very low reductions in air pollution with a cost of over $4 million. She indicated that she concurs with Mr. Hyde and regrets that the evaluation was brought to the Committee two days before the TRC meeting. Ms. Fish stated that there are surely cities that would be able to quickly apply for the funds for projects such as paving or shoulder stabilization. Mr. Giles replied that it takes 18 months to develop a project through the federal program. He mentioned the time involved in getting environmental, right-of-way, and utility clearances. Mr. Cleveland asked if ADOT is the project manager for the program. Mr. Giles responded that is correct. Ed Stillings, Federal Highway Administration, stated that an environmental clearance is needed before the final design can begin, which can take 12 to 18 months.

Doug Kukino, City of Glendale, made a motion to forward the CMAQ evaluation in Attachment A to the TRC for use in prioritizing projects at their May 24, 2007 meeting and forward the Air Quality Project in Attachment B to the TRC for their meeting. Antonio DeLaCruz, City of Surprise, seconded the motion. Joe Gibbs, City of Phoenix, inquired about the Air Quality Project appearing on both attachments. Mr. Cleveland replied that in the event the Air Quality Project is not sufficient for funding in Attachment A, the project can be moved to Attachment B. He called for a vote on the motion. The motion passed with Mr. Hyde; Russell Bowers, Arizona Rock Products Association; Ms. Tax; Ms. Fish; and Spencer Kamps, Homebuilders Association of Central Arizona, voting no and Ms. McGennis; Mark Hajduk, Arizona Public Service Company; Kai Umeda, University of Arizona Cooperative Extension; and Jo Crumbaker, Maricopa County Air Quality Department, abstaining.

5. Eight-Hour Ozone Plan

Cathy Arthur, Maricopa Association of Governments, gave an update on the Eight-Hour Ozone Plan. She provided a map of the air quality nonattainment and maintenance areas for the Maricopa area. Ms. Arthur discussed the eight-hour ozone monitoring data and indicated that there have been no violations in the past two years. She indicated that the Environmental Protection Agency (EPA) nonattainment designations were effective on June 15, 2004 and the Maricopa nonattainment area was classified as "Basic". Ms. Arthur stated that the Eight-Hour Ozone Plan is due to EPA by June 15, 2007 and the attainment date is June 15, 2009. She provided a map of the eight-hour ozone nonattainment area classifications and noted that Las Vegas, Nevada and several areas in the eastern United States are also "Basic" nonattainment areas.

Ms. Arthur discussed the extensive eight-hour ozone modeling for the Plan. She indicated that the modeling protocol was finalized in January 2006 and mentioned the eight-hour ozone models used. Ms. Arthur indicated that three high-ozone episodes with different meteorology were modeled: August 5-11, 2001 (local and transport), June 3-7, 2002 (predominantly transport), and July 8-14, 2002 (predominantly local). She provided a map of the nested CAMx and MM5 Modeling Domains. Ms. Arthur mentioned the large size of the domains and stated that they take into account the complex meteorology for modeling ozone. She indicated that the area being modeled at the finest resolution is the 4 kilometer modeling domain which is over 5,000 square miles and also larger than the eight-hour ozone nonattainment area.

Ms. Arthur presented the measures quantified in the Eight-Hour Ozone Plan. She indicated that the seven attainment measures in the Plan are being used to show attainment in 2008 and are already adopted and in place. Ms. Arthur mentioned that the Plan also includes five contingency measures. She noted that EPA requires that the Plan include contingency measures.

Ms. Arthur discussed the attainment demonstration for the Plan. She indicated that with the attainment measures, modeled eight-hour ozone values in 2008 meet the standard for all three episodes; however, the values are very close. Since the modeled values are close to the standard, additional analyses were performed including a screening test and a weight of evidence analysis. Ms. Arthur stated that the additional analyses also conclude that the standard will be attained in 2008. Ms. Arthur presented a contour plot of the predicted eight-hour ozone concentrations in June 2008. She noted that the highest value on that day was at Humboldt Mountain. Ms. Arthur indicated that North Phoenix also had a high value, but both of the values meet the standard.

Ms. Arthur discussed the weight of evidence analysis performed by ENVIRON. She mentioned the importance of the analysis due to the values being close to .085 parts per million, a violation of the eight-hour ozone standard. The analysis concluded that based on the ozone concentration trends, volatile organic compounds (VOC) and nitrogen oxide (NOx) concentration and emission trends, and the relationship between VOC and NOx, the weight of evidence analysis concludes that the region will be in attainment in 2008.

Ms. Arthur provided the VOC and NOx emission reductions from the individual attainment measures. She also provided the 2008 VOC and NOx emissions with the attainment measures. She noted that biogenics in the One-Hour Ozone Maintenance Plan were a considerably smaller piece of the VOC emissions. Ms. Arthur stated that MAG now has a new biogenics model call MEGAN that produces higher biogenics than in the past. She noted that ENVIRON tested an alternative biogenics model called GLOBEIS that produces higher biogenics than MEGAN. Ms. Arthur stated that part of the reason for the increase in biogenics is due to the larger size of the modeling domain which results in a lot of natural vegetation being captured. She noted that the biogenics model is based on actual measured VOC emission rates in Maricopa County. Ms. Arthur stated the onroad source category is 51 percent of the total NOx emissions for the June 2008 episode day.

Ms. Arthur discussed the VOC and NOx reductions by individual contingency measures. She noted that there are two federal measures listed as contingency measures. Ms. Arthur indicated that EPA allows federally required measures as contingency measures as long as they are not necessary to show attainment. Therefore, the benefit of the two federal measures was not included in the modeling of attainment in 2008. She stated that the federal nonroad equipment standards provide the most benefit of the contingency measures for VOC and NOx.

Ms. Arthur stated that the Eight-Hour Ozone Plan also established conformity budgets. She indicated that these mobile source emission budgets will be used in conformity analyses that begin after the budgets are found to be adequate or are approved in the Plan by EPA. Ms. Arthur stated that the budgets for VOC and NOx are 67.9 tons/day and 138.2 tons/day, respectively. She provided a schedule for the Plan. Ms. Arthur indicated that the Plan was released for public review on May 3, 2007 and public hearings will be held on June 1, 2007 and June 4, 2007. The Plan will be submitted to EPA on June 15, 2007.

Mr. Hajduk inquired about EPA lowering the eight-hour ozone standard from .08 parts per million. Ms. Arthur replied that there is a possibility that the standard could be lowered. She stated that the Eight-Hour Ozone Plan is for the current standard and that a lower standard would be addressed when and if it happens. Mr. Hajduk asked if the contingency measures have been quantified in terms of how far they would bring the region below the standard. Ms. Arthur replied that has not been modeled; however, the contingency measures alone would likely not be enough if the standard is lowered. Ms. Bauer stated that it would also depend on the time frame for meeting a new standard. For example, Maricopa County and ADEQ thought the region may never be able to attain the eight-hour ozone standard. She indicated that EPA has tightened the tailpipe standards for light-duty and heavy-duty vehicles and has mandated fuel improvements. Ms. Bauer commented that the concentration levels have come down, so it depends on the timing.

Mr. Hyde acknowledged the work involved in preparing the Eight-Hour Ozone Plan. He commented on the sensitivity testing of the predicted elevated ozone concentrations for the three episodes. Mr. Hyde inquired about the result of lowering the hydrocarbon emissions. Ms. Arthur responded that there is a reduction in ozone when VOC emissions are reduced. Mr. Hyde mentioned three ozone precursor control measures which will be discussed under the next agenda item. Ms. Arthur thanked the MAG modeling staff for the tremendous job they have done on the Eight-Hour Ozone Plan. Mr. Cleveland congratulated everyone on their efforts with the Plan.

6. Ozone Control Measures

Ms. Bauer provided an update on the ozone control measures. She indicated that the agenda item has been recurring. It had been discussed at one point and postponed at a couple meetings. Ms. Bauer stated that it is now toward the end of the legislative session and the legislature is considering some additional ozone control measures. She indicated that a recommendation by the Committee may not be necessary because by the time it goes to the MAG Management Committee and MAG Regional Council in June, the legislative session would probably be over. Ms. Bauer mentioned that the legislature will be considering the measures to reduce VOCs.

Ms. Bauer discussed the ozone control measure to expand Area A. She indicated that it was originally proposed by Senator Allen in S.B. 1552. It has now evolved into Area C as opposed to expanding Area A. Ms. Bauer stated that Area C, the Pinal County area, would like to have clean burning gasoline. She indicated that in the past, the legislature generally has expanded Area A to cover additional growth which has been beneficial. Expansion of Area A as originally proposed in S.B.1552 would have been consistent with the approach used in the past. Ms. Bauer stated that growth does not stop at the border.

Mr. Hyde stated that the ozone measures are modest and have the potential to reduce VOCs by approximately 4,000 tons per year. The measures are a liquid leaker test, expanding Area A, and a ban on open burning during the ozone season. He indicated that the liquid leaker test measure would be an additional part of the Vehicle Emission and Inspection Program. The second measure would expand Area A to the west to include Wickenburg and Tonopah. Mr. Hyde commented on the growth in that area. He indicated that the measure to ban open burning during ozone season has been controversial, because the agricultural community already cannot burn in the winter, leaving only a couple of months in the spring and fall. Mr. Hyde noted that this measure only achieves a reduction of eight tons per year of VOC emissions as opposed to a 3,600 tons per year reduction for the liquid leaker test. He indicated that he would appreciate support for the measures in the

appropriate venue. Mr. Hyde stated that the measures result in a very small NOx reduction and larger VOC reduction. He indicated that the measures would provide a cushion for the 2008 and 2009 ozone concentrations.

Mr. Hajduk commented on the expanded Area A including a portion of Yavapai County and inquired about how the Committee would take that into account. He asked if Yavapai County would need to be present to vote on the measure. Mr. Hyde replied no. Mr. Cleveland stated that it is always good to talk to your neighbors. Mr. Hyde inquired if a portion of Yavapai County is included in the eight-hour ozone nonattainment area. Ms. Tax stated that a portion of Yavapai County is included in the existing Area A; however, there are no service stations within the portion.

Ms. Fish mentioned concerns raised by people in western Maricopa County that the closest station for emissions testing is in the City of Glendale or City of Peoria. She discussed providing the service to the area. Mr. Cleveland inquired about the Town of Buckeye station still being open for inspections. He asked if the Committee wished to vote on the measures recognizing that the legislature will likely have acted prior to MAG Regional Council action. Mr. Cleveland noted that there were no requests for action.

7. Status Report on the Maricopa County 2005 Periodic Emissions Inventory for PM-10

Jo Crumbaker, Maricopa County Air Quality Department, provided a status report on the Maricopa County 2005 Periodic Emissions Inventory for PM-10. She indicated that a revised table and pie chart were provided in the agenda packet. Ms. Crumbaker stated that the inventory is available on the Maricopa County website and the appendix details the changes made between the draft and final documents. Most of the changes were made in response to comments received. She added that the windblown fugitive dust category is now more realistic. Ms. Crumbaker stated that changes also occurred to the construction, point source and other area source categories. She noted that the third column in the table provides the difference between the draft and final documents for each category.

Mr. Kamps asked if the overall tonnage was reduced from approximately 90,000 to about 84,000 tons per year. Ms. Crumbaker replied that is correct. Mr. Kamps commented on the inventory decreasing by 6,000 tons per year. Mr. Cleveland stated that a large portion of the reduction was in the aircraft category. Ms. Crumbaker indicated that there was an error in the aircraft emission calculation. Mr. Kamps inquired about the significant decrease in aircraft emissions. Ms. Crumbaker responded that there was an entry error into the model which resulted in a calculation that was an order of magnitude higher. She indicated that Maricopa County reviewed the calculation based on a comment received.

Mr. Kamps commented on the aircraft category being only 158 tons per year. Ms. Crumbaker replied that most of the emissions from aircraft occur at an altitude that does not impact ground level pollution. She stated that it is also a combustion process and combustion emissions are lower for PM-10. Ms. Crumbaker indicated that it was basically a major error in the input file. Mr. Kamps inquired about construction equipment that does not operate 24 hours a day seven days a week producing more emissions than aircraft. Ms. Crumbaker stated that aircraft use a cleaner fuel than nonroad engines. Mr. Kamps commented on the difference between the emissions for aircraft and construction equipment. Ms. Crumbaker that she would need to look at the equipment populations and other factors. She added that changes are discussed in the appendix to the inventory.

Mr. Kamps inquired about the changes made to construction. Ms. Crumbaker stated that the Maricopa County staff that prepared the inventory were not at the meeting since she had not received a copy of the agenda. She indicated that the changes to construction included checking for double counting. Ms. Crumbaker stated that a question was also raised about road construction and doing a better job of separating out the heavy-duty road construction from the more routine road construction that did not involve the heavy movement of material to construct the road itself.

Mr. Cleveland commented on the annual reduction needed for the Five Percent Plan for PM-10 and keeping growth within those limits. Ms. Crumbaker stated that MAG will prepare the 2007 estimates from the Maricopa County 2005 Periodic Emissions Inventory for PM-10.

Mr. Bowers stated that the inventory estimates for construction and mining equipment are based on an EPA model and are therefore default numbers. Ms. Crumbaker indicated that the nonroad estimates are from the EPA NONROAD model. She stated that it is a top down allocation of the population of equipment.

8. Update on Additional PM-10 Measures

Mr. Cleveland provided an update on the additional PM-10 measures. The MAG Management Committee recommended the four remaining measures from the Maricopa County March 28, 2007 memorandum along with nine additional MAG measures and recommendations. The MAG Regional Council Executive Committee recommended the MAG Management Committee recommendation to the MAG Regional Council for their May 23, 2007 meeting. Mr. Cleveland indicated that it is his understanding that EPA has expressed positive feelings about the additional measures. Ms. Tax replied that EPA supports the additional measures.

9. Arizona Center for Law in the Public Interest Letter of Intent to File a Lawsuit

Mr. Cleveland mentioned the Arizona Center for Law in the Public Interest letter notifying EPA of their intent to file a lawsuit against EPA for failure to take action on the Revised PM-10 State Implementation Plan (SIP) for the Salt River Area. If action is not taken in sixty days, the Center will initiate legal action. He asked if EPA will be taking action within the sixty days. Ms. Tax replied that EPA is working on the action for the Salt River Area SIP and are doing their best to finish it as soon as possible.

10. Call for Future Agenda Items

Mr. Cleveland announced that the next meeting of the Committee is tentatively scheduled for June 7, 2007 at 1:30 p.m.

Mr. Kamps indicated that he would like to comment on the additional PM-10 measures. He stated that a number of the measures were not brought to the Committee or the Committee voted the measures down. Mr. Kamps mentioned that the measures were brought before the MAG Management Committee and he spoke at that meeting. He indicated that he is not aware of this happening before. Mr. Kamps commented on the ability of the MAG Management Committee and MAG Regional Council to make changes to recommendations. He stated that he feels this Committee has worked hard to do the right thing and it is a balance between Maricopa County, EPA, and interested stakeholders. Mr. Kamps added that he feels the work of the Committee has been disregarded by the action of the MAG Management Committee and ultimately the MAG Regional Council to impose these measures. He stated that there was no tonnage recommendation or cost

effectiveness given at the MAG Management Committee meeting. Mr. Kamps indicated that the MAG Management Committee received the two page document included in the agenda packet and made a decision, right or wrong, without the information and debate that has occurred at this Committee. He stated that the work of the Committee was not recognized. Mr. Bowers commented that industry was characterized by the Chair of the MAG Management Committee as having suppressed the vote in this Committee.

Mr. Kamps commented on revisiting the measures and the MAG Management Committee and MAG Regional Council not taking the recommendations of the Committee. He inquired about the purpose of the Committee. Mr. Cleveland stated that he is a member of the MAG Management Committee which did take into account all of the work this Committee has brought forward. He mentioned that the 13 measures are in addition to the other measures recommended. Mr. Cleveland stated that the 13 measures were prepared in concert with conversations that MAG staff, EPA, and Maricopa County had and consulted with others to address the issues that necessitated further action.

Ms. Bauer stated that at the MAG Management Committee meeting, the members expressed their appreciation for the work of this Committee several times. She discussed the importance of the Committee and indicated that many different sectors are represented. As was said at the MAG Management Committee meeting, we need to hear the input from all the different interest groups to develop the measures. Ms. Bauer stated that the measures will be implemented by a variety of people and entities. She mentioned that the MAG Management Committee and MAG Regional Council have previously endorsed the 41 measures on the Suggested List recommended by this Committee. Ms. Bauer stated that the Suggested List was approved on March 28, 2007 and on that same day, MAG received a memorandum from Maricopa County with some additional suggestions. At their meeting, the MAG Regional Council added one of the Maricopa County recommendations to the Suggested List of Measures. The remainder of the recommendations was sent back to this Committee for its deliberations.

Ms. Bauer indicated that there was a change in the sequence of events when MAG received the letter from EPA on April 20, 2007 expressing concerns. She stated that Maricopa County has also indicated that they would not be able to handle the nonpermitted sources. Ms. Bauer noted that this Committee has pointed out the importance of addressing the nonpermitted sources. She mentioned that EPA has approval/disapproval authority for the Five Percent Plan for PM-10. Disapproval of the Plan means the withholding of the federal highway funds, sanctions to business and industry, and a conformity lapse.

Mr. Kamps stated that the sanctions clock does not start unless the region fails to file a plan or EPA denies the plan. He indicated that it does not mean the transportation funds are revoked immediately. Mr. Kamps mentioned that there is a chance to correct pending the sanctions clock running out. He stated that the time frame is important to understand. Mr. Kamps referred to a previous meeting where Colleen McKaughan of EPA discussed what should and should not be done. He indicated that the Committee had a serious discussion. Mr. Kamps recalled from that meeting MAG staff saying instead of EPA, Maricopa County, and MAG meeting to make decisions, that they would be brought back to this Committee. He stated that he feels that commitment was not honored.

Mr. Kamps indicated that the only discussion that has occurred with this Committee on some of the new measures is what has been mentioned at this meeting. He stated that the measures have not been fully vetted and are going through the MAG process above this Committee for right or wrong. Mr. Kamps indicated that the Committee was designed to consider these measures and make

recommendations. He commented on the industry accusation and mentioned that industry is out voted on the Committee. Mr. Kamps asked if the Committee is valuable to review measures and make recommendations, and if not, what is the purpose of wasting everyone's time to make recommendations.

Ms. Bauer stated that the Committee is absolutely valuable. She indicated that the members of the MAG Management Committee mentioned the value of this Committee at their last meeting. Ms. Bauer indicated that no meeting had occurred between MAG, Maricopa County, and EPA. She stated that she faxed the MAG Management Committee recommendation to EPA and they indicated that it looked good, was in the right direction, and there was no need for a meeting.

Ms. Fish asked if the additional 13 measures would automatically become part of the Five Percent Plan for PM-10 if approved by the MAG Regional Council. Ms. Bauer replied that the additional 13 measures would be added to the Suggested List of Measures and do not automatically become part of the Plan. She noted that at the top of the Suggested List there is a statement that indicates that these measures may or may not be feasible for implementation by the implementing entities. She stated that the measures would be added to the Suggested List and the implementing entities would be listed. Those entities would then consider the feasibility. Ms. Bauer indicated that the measures do not become part of the adopted Five Percent Plan for PM-10 if the entities do not commit to implement the measures. The adopted Plan contains only the measures for which firm commitments for implementation have been received.

Mr. Cleveland indicated that it was approximately 2:30 p.m. and that the meeting at the legislature would begin at 3:00 p.m. With no further comments, the meeting was adjourned.