



Minutes for the AQMP Advisory Group Meeting Wednesday, October 11, 2006

1. Welcome and Introduction

Dr. Chang, Deputy Executive Officer, Planning, Rule Development and Area Sources, called the meeting to order at 9 a.m. and presented a brief overview of the agenda for the meeting. Staff corrected the September 13 minutes to acknowledge that Mr. Gary Stafford, California Furniture Manufacturers Association, was absent from the meeting, and the next meeting would be conducted today, not September 13 as indicated in section 6 of the minutes.

2. Overview of the Draft 2007 AQMP

Dr. Chang presented an overview of the Draft 2007 AQMP beginning with the air quality trends in South Coast Air Basin compared with other cities to stress the level of air quality problem. Immediate actions were required to deal with many challenges, which were the results of delaying mobile source controls from the 2003 AQMP's strategy, underestimation of mobile source inventories, growth from goods movement, lack of incentive and grants funding, and a short 7-year period remaining to meet the mandated federal PM_{2.5} standards by 2015. She presented the 2002, 2014, 2020 baseline emissions of VOC and NO_x, apportioned to CARB and the District, as estimated in the Draft 2007 AQMP. By comparing the projected stationary source emissions for the year 2010 with the District's goal set in the 2003 AQMP, she demonstrated that the District had fulfilled its 2003 SIP commitment.

3. Summary of the Draft 2007 AQMP Emissions

Ms. Whynot gave a summary of Chapter 3 and Appendix III of the Draft 2007 AQMP, which contained annual average emissions, summer and winter emissions for stationary and mobile sources for the 2002 base year, and various years between 2002 – 2030, grouped by source category. The 2002 base year emissions inventory reflected the impacts of AQMD rules adopted as of June 2006, and CARB rules adopted as of June 2005, and the future emissions included the impact of projected growth. She presented bar charts and pie charts that showed the differences in on-road and off-road emissions for year 2002 and 2020 estimated in the 2003 and 2007 AQMP; relative emissions contribution by source category; and impact of growth on emissions. Lastly, the list of top 10 source categories of VOC, NO_x, and PM_{2.5} emissions in 2002 and 2020 was presented. In response to a question related to the increase in paved road dust emissions due to growth, Dr. Chang indicated that the District might consider a backstop control measure for paved road dust.

4. Summary of the Draft 2007 AQMP Control Strategy

Mr. Pirveysian gave a summary of Chapter 4, Appendix IVA, IVB and IVC of the Draft 2007 AQMP which contained the overall attainment strategy, District's stationary and mobile source control measures, SCAG's regional transportation control measures, District's recommended state and federal control measures, long-term control strategy and overall emission reductions. He indicated that the draft 2007 AQMP was developed to achieve the PM_{2.5} standards by 2015 and ozone standards by 2021. The two-step strategy called for maximizing SO_x and PM_{2.5} reductions by 2014, and then reducing NO_x and VOC as needed by 2020. This strategy translated to total reduction targets of 49 tpd SO_x (70% reduction), 14 tpd PM_{2.5} (14%), 142 tpd VOC (24%) and 239 tpd NO_x (36%) by 2014; and 286 tpd NO_x (54%) and 300 tpd VOC (50%) by 2020. The 32 stationary source short-term and mid-term control measures, 26 mobile source control measures, and 5 long-term control measures presented in Appendix IVA and IVB were briefly summarized. The CARB's preliminary proposed control concepts provided only 60 tpd VOC and 135 tpd NO_x by 2014, which was half of what needed for PM_{2.5} attainment in 2014. The recommendation was made to CARB to consider staff's proposed control measures in Appendix IVB. Finally, long-term control measures for VOC and NO_x would be needed for ozone attainment and the "black-box" was preliminary estimated to be 135 tpd VOC and 40 tpd NO_x.

5. Summary of the Attainment Demonstration

Mr. Cassmassi gave a summary of Chapter 5 of the Draft 2007 AQMP which contained information on future air quality and attainment demonstration. He explained the attainment demonstration process by using relative reduction factors and design values to translate regional modeling simulation output to the form of air quality standard. He indicated that two-step strategy was developed to achieve PM_{2.5} attainment by 2014 and ozone by 2021 (or 2024). To explain the reason for focusing in SO_x reduction to meet the PM_{2.5} standards, he showed the estimated relative standardized contribution to PM_{2.5} mass from precursors. He used graphs to demonstrate that by implementing the proposed control measures, the basin would meet the PM_{2.5} standards by 2014 and be able to maintain the status until 2021. For ozone attainment, the 2020 baseline and future year emissions with and without long-term measures was

used to demonstrate the need of long-term measures for 8-hour ozone attainment. In addition, he used the predicted improving visual range (miles) at Rubidoux in 2015 and 2020 to show the effectiveness of District's proposed control measures. Finally, he graphically showed the predicted ozone concentrations compared to the federal and state standards, which indicated that federal standards were feasible to achieve but the basin needed additional control measures to attain the state standards. He indicated that staff would focus on analyses to address the impacts to and from other air basin, rerun analyses with updated emissions, and perform additional sensitivity analyses.

6. Closing Remarks

Dr. Chang summed up the meeting by summarizing the key issues on carrying capacity, bump-up request , fair share agency responsibility, and set priorities on expanding public/private funding such as container fees for ports, Carl Moyer program for stationary sources, tax incentives for early equipment/engine replacement, improving agency collaboration and accountability and public engagement.

7. Scheduling Next Meeting/Adjourn

There were no additional public comments. Dr. Chang indicated that the next meeting would be held on November 8, 2006 and adjourned the meeting at approximately 12:00 p.m.

Attendance
October 11, 2006 AQMP Advisory Group Meeting

MEMBERS PRESENT

Greg Adams, Los Angeles County Sanitation District
Stacy Alameida, MTA
Don Blose, American Lung Association of Inland Counties
Shep Burton, Consultant
Mike Carroll, Latham & Watkins
Wook J. Cho, Korean Drycleaners-Laundry Association
Curtis Coleman, Southern California Air Quality Alliance
Diane Forte, Coalition for Clean Air/Environment Now
Kim Fuentes, South Bay Cities Council of Governments
Gretchen Hardison, City of Los Angeles
Bill LaMarr, California Small Business Alliance
Mee H. Lee, Lee Consulting Group
Melissa Lin Perrella, Natural Resources Defense Council
Anastacio Medina, American Lung Assn. of Los Angeles
Clayton Miller, Construction Industry Air Quality Coalition
Jonathan Nadler, SCAG
Peter Okurowski, Association of American Railroads
Ken Pulskamp, City of Santa Clarita
Bill Quinn, CCEEB
Rebecca Rosen, U.S. EPA
Paul Ryan, Ryan, P.F. Ryan & Associates
Gary Stafford, Calif. Furniture Manufacturers Association
Lucille Van Ommering, California Air Resources Board
Carla Walecka, Realtors Committee on Air Quality
Lee Wallace, SoCal Gas Company

OTHERS PRESENT

Ashley Adams, Keesal, Young & Logan
Michael Beasley, Boeing
John DaMassa, California Air Resources Board
Mark Grey, BIA/SC
Miles Héller, BP
Stan Holm, Davenport Engineering
Lori Huddleston, MTA
Tom Ishi, Sempra Utilities
Frances Keeler, Keesal, Young & Logan
Rita Loof, RadTech
Daniel Monette, Toyota
Ralph Morris, ENRIVON Internacional Corp.
Dipak Patel, City of Los Angeles
Christopher Patton, City of Los Angeles
Eddie Phillips, BNSF Railway
Karen Polenske, MIT Dep. of Urban Studies & Planning
Michelle Richards, NBC Universal
Debbie Stevens, Environmental Audit
Ivan Tether, California Small Business Alliance

MEMBERS ABSENT

Ralph Appy, Port of Los Angeles
Ed Avol, University of Southern California
Howard Berman, Environmental Mediation
Gerry Bonetto, Printing Industries of California
Art Brown, City of Buena Park
Nathan DeBoom, Milk Producers Council
Bob Dulla, Sierra Research
Bahram Fazeli, Communities for a Better Environment
Vernon Hall, Clean Air Now
David Hayes-Bautista, Center for the Study of Latino Health
Joe Garcia, City of Monrovia
David Gutierrez, City of San Gabriel
Steve Levy, Center for Continuing Study of CA Economy
Glenn Maddalon, American Lung Assn of Orange County
Penny Newman, Center for Community Action and EJ
Ty Schuiling, San Bernardino Associated Governments
Jeb Stuart, Consultant
Mike Wang, Western States Petroleum Association
Monte Ward, Orange County Transportation Authority
John Wohlmuth, Coachella Valley Association of Govts

AQMD STAFF

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