

# MINUTES

## REGIONAL AIR QUALITY COUNCIL

Thursday, August 4, 2005

### **RAQC MEMBERS/ALTERNATES PRESENT:**

Jim Scherer, *CHAIRMAN*  
Dennis Arfmann, *Hogan and Hartson*  
Theresa Donahue, *The Adams Group*  
George Gerstle, *Colo. Dept. of Transportation*  
Doug Lempke, *Colo. Dept. Public Health & Environment*  
Dave Sladek, *The Clayton Group*  
Melanie Worley, *Douglas County/DRCOG*

### **RAQC MEMBERS NOT IN ATTENDANCE:**

Randy Ahrens, *City & County of Broomfield*  
Doug Benevento, *Colo. Dept. Public Health & Environment*  
Tom Norton, *Colo. Dept. of Transportation*  
Sue Sandstrom, *City of Aurora*

### **OTHERS PRESENT:**

Ken Lloyd, RAQC; Misty Howell, RAQC; Gerald Dilley, RAQC; Sara O'Keefe, RAQC; Sarah Schmitz, RAQC; Sarah Sullivan, RAQC; Steve McCannon, RAQC; Lisa Silva, APCD; Shirleen Tucker, APCD; Barbara MacRae, APCD; Bob Lowdermilk, AQCC; Renee Allen, ESP; Drew Rau, ESP; John VanKirk, City of Aurora; Lyn Heinricy, APCD; Lucy Nolan, EMC; and Jeff May, DRCOG

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The meeting was called to order at 3:10 p.m. by Chairman Jim Scherer. A quorum was present at 3:12 p.m.

### **Approval of Agenda and Minutes**

**Theresa Donahue moved to approve the agenda. Seconded by George Gerstle. Motion passed without objection.**

**Theresa Donahue moved to approve the agenda. Seconded by George Gerstle. Motion passed without objection.**

### **Informational Items**

*Chairman*

None.

*Executive Director*

Ken Lloyd gave Council an update on the ozone alert program. There were 19 alerts called in July. He indicated that even with the elevated temperatures in July, ozone levels remained fairly moderate during the month.

Council members commented on the television, radio and billboard ads.

Ken stated that the follow up survey will begin in August.

Ken reminded Council that the next meeting would be September 1 and Council would be approving the CO and PM<sub>10</sub> maintenance plans to forward to the AQCC. A quorum is necessary at the September 1 meeting.

Jim indicated that he has asked Boards and Commissions to consider changing the Council's quorum requirement back to 6 of 9 members in the new Executive Order.

*Committees*

None.

*Members*

None.

**Public Comment and Discussion**

None.

**Discussion of Revised Modeling Analysis and Motor Vehicle Emissions Budgets for PM<sub>10</sub> Maintenance Plan**

Ken Lloyd gave Council an overview of the PM<sub>10</sub> Maintenance Plan revisions. Ken also reviewed the schedule for getting the PM<sub>10</sub> Maintenance Plan submitted to EPA by July 2006.

Barbara MacRae, APCD, reviewed the modeling analysis of control strategy options. She explained the four components that make up the PM<sub>10</sub> maintenance demonstration: RAM modeling – ground level primary PM<sub>10</sub>; estimate of secondary PM<sub>10</sub> – NO<sub>x</sub> and SO<sub>2</sub>; major PM<sub>10</sub> point source contributions; and background concentrations (function of month). The sum of the four components represents an estimate of the maximum PM<sub>10</sub> expected in the Denver metro area.

Jerry Dilley, RAQC, presented an overview of the mobile source emissions budget and how the information was calculated. He explained that historically this region has allocated the safety margin to assist with DRCOG's conformity process, to allow for future model changes, and to assure the ability to make future local commitments.

Jerry explained the option for using budget trading for PM<sub>10</sub> and NO<sub>x</sub>, which would allow flexibility for the conformity process. There is a recognized relationship between these pollutants. He stated that California and Utah both use emissions budget trading. He further explained specific PM<sub>10</sub> and NO<sub>x</sub> emissions budgets must be set and the trading relationship must be defined in the maintenance plan. Jerry explained how the curve chart works. Council will need to decide how much of the safety margin to allocate and whether to allow emission budget trading.

There was discussion of the actual safety margin versus the modeled safety margin.

Ken Lloyd asked the Council to determine how much of the safety margin to use, pick PM<sub>10</sub> and NO<sub>x</sub> emission budget numbers and approve the trading concept.

George Gerstle recommended allocating 100% of the safety margin and using the budget trading.

Jeff May, DRCOG, advocated for allocating 100% of the margin due to potential costs to local governments in future years. He stated that conformity commitments are getting more difficult to obtain because of budget issues.

**Dennis Arfmann moved to direct staff to prepare a proposed plan that allocates 100% of the safety margin, uses 55 tpd for PM<sub>10</sub> and 56 tpd for NO<sub>x</sub> emissions budgets and allows emissions trading in the maintenance plan budget. Melanie Worley seconded. The motion passed with 5 for, 1 opposed and 1 abstention.**

Staff will prepare the plan with those guidelines and bring it to Council for approval at the September 1 meeting.

### **Update on Clean Screen and High-Emitter Remote Sensing Programs**

Drew Rau from ESP reviewed the RapidScreen program with Council. He explained how the remote sensing technology works. The system can distinguish unique vehicles. He indicated that the September mailers show 19% of 480,000 vehicles has been seen twice and 14% has been seen more than twice. He stated that 4.4% of the 85% of people notified use the program.

Renee Allen, ESP, updated Council on the RapidScreen public information campaign. RapidScreen was launched on September 30, 2003 with a news conference at Invesco Field at Mile High. The Governor was the guest speaker and it was well attended by all major Denver media outlets. Additional media coverage includes print, television and radio. Materials developed for the program include posters, brochures, web site, van art and van signs.

Steve McCannon, RAQC, gave Council an overview of the Repair Your Air Campaign. He stated Phase I of the program operated from May 2003 – June 2005. He reminded Council that the program utilized 1 RSD identification to include vehicles in the program. The goal was to repair 250 vehicles. Steve stated that 191 vehicles were repaired with an average repair cost of \$325 and an average rental car cost of \$180. He also reviewed the emissions benefit from repairing these vehicles.

Steve then outlined Phase II of the program. The Phase II goals include: repair 840 high HC vehicles over the next three years; create a training guide to assist the repair industry; and investigate the feasibility of a full-scale high-emitter program. Steve outlined the improvements to the program that will help increase participation rates and increase program efficiency. Phase II launched on July 18, 2005. The first mailing went to 189 vehicle owners.

### **Adjournment**

There being no further business before the Council, the meeting was adjourned at 5:40 p.m. The next meeting will be on Thursday, September 1, 2005.