

MINUTES

REGIONAL AIR QUALITY COUNCIL

Thursday, November 13, 2003

MEMBERS PRESENT:

Jim Scherer, *CHAIRMAN*
Randy Ahrens, *City & County of Broomfield*
Dennis Arfmann, *Holme Roberts & Owen*
Dave Sladek, *The Clayton Group*
Melanie Worley, *Douglas County/DRCOG*

ALTERNATES IN ATTENDANCE:

George Gerstle, *Colo. Dept. of Transportation*
Doug Lempke, *Colo. Dept. Public Health & Environment*

MEMBERS NOT IN ATTENDANCE:

Doug Benevento, *Colo. Dept. Public Health & Environment*
Theresa Donahue, *The Adams Group*
Tom Norton, *Colo. Dept. of Transportation*
Ed Tauer, *City of Aurora*

OTHERS PRESENT:

Ken Lloyd, RAQC; Misty Howell, RAQC; Gerald Dilley, RAQC; Sara O'Keefe, RAQC; Jim Brandon, ESP; Jerry Gallegher, J. Gallagher Associates; John Van Kirk, City of Aurora; Kelly Gessing, FHWA; Lucy Nolan, Ethanol Management; Jeff May, DRCOG; Ted Orf, Orf & Orf; Shirleen Tucker, CDPHE; Mike Silverstein, APCD; and Bob Brady, AQCC.

The meeting was called to order by Chair Jim Scherer at 3:15 p.m. A quorum was present at 3:40 p.m.

Approval of Agenda and Minutes

Postponed until a quorum present.

Informational Items

Chairman

Jim Scherer informed Council that he, Ken and Sara have been meeting with local governments to keep them involved in the work of the RAQC. He stated the meetings are going well and more will be scheduled after the new year.

Executive Director

Ken Lloyd reminded Council of the importance of the December 4 RAQC meeting since Council will consider the EAC SIP document.

Committees

None.

Members

None.

Public Comment and Discussion

None.

Program Update

Clean Air Fleets

Sara O'Keefe reviewed the status of the Clean Air Fleets program. There have been many applications to purchase engine pre-heaters to reduce idling emissions. The Technical Advisory Team will review the applications and determine who will receive funds.

Yellow Fleets for Blue Skies

The RAQC's Clean Yellow Fleets program was one of seventeen selected to receive funding from EPA's Clean School Bus USA Program. The RAQC received a \$400,000 grant to retrofit school buses. Buses within model years 1991-1995 will be targeted for the program.

Staff is working to develop a logo and decals that will be used to identify the buses in the program. Staff is also coordinating a vendor workshop so that the school districts can see what technology is available and who manufactures the technology.

In January or February a press event will be held to kick off the program.

Staff has applied for CM/AQ funds to expand this program to retrofit more school buses.

Ken Lloyd indicated that he has been asked to participate in a panel for the Diesel Technology Forum next week in Washington, D.C. This group is very interested in the RAQC's diesel programs.

Repair Your Air Campaign

Ken Lloyd gave Council an overview of the progress of the program. So far there have been 736 letters sent with 93 total contacts. The participation break down includes: 30 failures; 25 passes; 4 rejected; 20 future; 1 sold; 2 out of service; and 11 no shows.

Overall, 27 vehicles have been repaired. The program has paid \$7,368 for repairs and \$3,548 in rental car costs.

Early Action Compact for Ozone

Modeling Update

Ken Lloyd gave Council an update on the modeling. He indicated the 2007 base case and sensitivity runs for the photochemical modeling will be completed by November 21. Ken outlined the performance conclusions from the initial modeling results. The contractor will be making some adjustments to the model which include: imposing a minimum mixing heights to eliminate MM5 artifact due to convection; increasing VOC boundary conditions along eastern and northern boundaries; and incorporating ethane emissions from flash-related emissions.

Ken outlined the contractor's next steps.

- Re-run 2002 base case with adjustments by November 7
- Run 2007 base case with no additional strategies by November 21
- Run 2007 control sensitivities by November 21.

Ken explained the attainment demonstration required. There was discussion on the Relative Reduction Factor and how it is calculated and used in the demonstration.

Analysis of Mobile Source Control Strategies

Mike Silverstein, APCD, reviewed the mobile source strategies that are under consideration.

The strategies include:

- 8.1, 7.8 RVP
- I/M model year exemptions
- Annual vs. biennial I/M inspections
- Low sulfur gasoline
- I/M cut points
- Ethanol's impact on gasoline volatility

He outlined the annual costs and daily reduction for each strategy.

Analysis of Point Source Control Strategies

Mike Silverstein, APCD, reviewed the stationary source control strategies that have been evaluated.

- Flash emissions from condensate tanks
- Uncontrolled engines
- Controls at existing facilities
- Fugitive leaks
- Glycol dehydrator emissions
- Regulation No. 7 RACT expansion
- Controlled fires

The stakeholder group concurred that the mobile and stationary source strategies for further screening with the model are:

- RVP reductions - approximately 9-10 tpd
- Flash emissions controls - approximately 55 tpd
- Engine controls - approximately 6 tpd

Other strategies may be screened at a later date if additional reductions are needed.

There was discussion on how long it takes to run the model with all the control options. Ken Lloyd indicated a single run takes about a week. However, the contractor can run scenarios simultaneously.

Voluntary Control Strategies

Jerry Dilley explained the EPA requirements for taking credit in a SIP for voluntary programs. He indicated that each program is allowed a reduction credit of only three percent of the required reduction to achieve attainment maintenance. Jerry reviewed the RAQC's ozone reduction program.

The stakeholder group concluded that voluntary programs are necessary to create awareness and decrease pollution. But, based on EPA requirements, the Denver Metro area appears to be best served by voluntary programs not included in a SIP document.

Next Steps and Upcoming Schedule

Ken Lloyd reviewed the schedule for getting the EAC SIP approved.

- November 13 RAQC briefing
- November 19 AQCC briefing
- November 25 Modeling Review Panel meeting
Stakeholder meeting
- December 1 Draft SIP
- December 3 Stakeholder meeting
- December 4 RAQC - draft SIP
- December 18 Propose SIP to AQCC
- March 11 AQCC adoption

Approval of Agenda and Minutes

Dennis Arfmann moved to approve the minutes from August and October. Seconded by Doug Lempke. Motion passed without objection.

There being no further business before the Council, the meeting was adjourned at 4:55 p.m.