



MINUTES

Friday, May 7, 2010

RAQC MEMBERS PRESENT:

Andy Spielman, *Chairman, Hogan and Hartson, LLP*
Debra Baskett, *City and County of Broomfield*
Melissa Chalona, *CTL|Thompson Inc.*
Eric Doering, *Town of Frederick*
Rick Garcia, *Department of Urban Housing and Development (advisory)*
Russell George, *Colorado. Department of Transportation*
Darryl Jones, *Coventry Development*
Elise Jones, *Colorado Environmental Coalition*
Susan Kirkpatrick, *Colorado Department of Local Affairs*
Richard Long, *Citizen*
Ben Manvel, *City of Fort Collins*
Linda Morton, *Morton Consulting Co.*
Bob Murphy, *City of Lakewood*
Paul Natale, *City of Commerce City*
John Putnam, *Kaplan, Kirsch, & Rockwell, LLP*
Martha Rudolph, *Colorado Department of Public Health and Environment*
Jennifer Schaufele, *Denver Regional Council of Governments*
Jep Seman, *Corporate Advocates*
Nancy Severson, *Denver Department of Environmental Health*
Nancy Sharpe, *City of Greenwood Village*
Skip Spensley, *Environmental Consultant*
David Stewart, *EnCana Oil & Gas (USA)*
Will Toor, *Boulder County*

RAQC MEMBERS NOT PRESENT:

Bob Fitzgerald, *City of Aurora*
Elena Wilken, *Colorado Association of Transit Agencies*

RAQC STAFF PRESENT:

Ken Lloyd; Sarah Anderson; Jerry Dilley; Misty Howell; Stephanie Lind; Steve McCannon;
Aneka Patel; Kate Riegle

OTHERS PRESENT:

Brad Beckham, CDOT; Kevin Briggs, APCD; Margy Christiansen, RAQC/Christiansen Corporate Resources; Steve Cook, DRCOG; Kerri Crawford, CCA Rule Eng; Dennis Creamer; Kate Fay, CDPHE Liaison to the RAQC; Jennifer Finch, CDOT; Aaron Fodge, North Front Range MPO; Elizabeth Garner, DOLA; Bill Haas, Federal Highway Administration; Don Horn, Green Solutions; Peter Kenney, Civic Results; Gary Magno, Xcel Energy; Denis McNally, Alpine Geophysics; Pam Milmoie, Boulder County Department of Health; Simon Montagu, DRCOG; Mike Quirk, Wagner Equipment; Howard Roitman, CDPHE; Jim Shaw, Wagner Equipment; Mike Silverstein, APCD; Bill Sirois, RTD; Natalia Swalnick, American Lung Association; John Thomas, US EPA; Marilee Utter, Citiventure Associates; Phil Washington, RTD; and Sabrina Williams, Denver Environmental Health.

The meeting was called to order at 9:35 a.m. by Chair Andy Spielman. A quorum was present. Andy Spielman suggested a moment of silence in remembrance of Chips Barry.

Approval of Agenda

Skip Spensley moved to approve the agenda. Seconded by Debra Baskett. Motion passed without objection.

Approval of Minutes

Nancy Sharpe moved to approve the minutes. Seconded by John Putnam. Motion passed without objection.

Informational Items

Chair

Andy Spielman congratulated Rick Garcia on his recent appointment as Regional Administrator for the US Department of Urban Housing and Development (HUD). He also announced that Rick will remain on the Board in an advisory capacity. The Governor has nominated Bob Murphy, Mayor of Lakewood, to replace the open local government position on the Board. The appointment should be official soon.

Andy welcomed John Thomas, US EPA Policy Office, to the meeting. He also informed Council that the Jefferson Parkway Public Highway Authority includes a non-voting position for the RAQC on its Board. Andy has asked Ken Lloyd to participate on that Board on behalf of the RAQC.

Executive Director

Ken Lloyd informed Council that the Mow Down Pollution event on May 1 was very successful. During the event, 500 electric mowers were sold and approximately 350 old mowers were recycled. He acknowledged Suncor for sponsoring the event and commended Sarah Anderson and staff for organizing the event.

Ken indicated that the summer ozone season kicks off on June 1 and the RAQC staff will provide information on the kick-off event.

He provided Council with a brief overview of the RAQC's Transportation Demand Management (TDM) project with the City of Arvada, *EveryTripCounts*. Ken also indicated the RAQC has been awarded a grant in the amount of \$2.4 million from EPA under the Diesel Emissions Reduction Act (DERA).

Ken asked Council to sign the Code of Conduct paperwork and return it to Misty Howell.

Members

Susan Kirkpatrick, DOLA, stated that DOLA and the Governor's Office of Economic Development are co-chairing the Sustainable Mainstreets Initiative which was signed by Governor Ritter in April. She explained this is a pilot program in three rural communities and one urban community which illustrates how state agencies are working across agency lines to achieve specific outcomes.

Rick Garcia, US HUD, informed Council that the Sustainable Communities Regional Planning Grants are under US Office of Management and Budget (OMB) review and are scheduled to be released at the end of the month.

Public Comment

Pam Milmoe, Boulder County Department of Health, informed Council that Boulder County Department of Health, City and County of Denver, Garfield County and the Governor's Energy Office received a \$25 million DOE retrofit ramp-up grant for energy retrofits. They are planning to promote residential and business efforts through loan programs, technical assistance and energy audits.

Overview by State Demographer Elizabeth Garner of key Front Range demographic trends and their potential effect on air quality

Elizabeth Garner, State Demographer, provided Council with a detailed overview of Colorado population forecasts. She explained how population change is tied to understanding both economic and demographic changes. Ms. Garner noted that demographic data from her office is used by CDPHE and DRCOG. She indicated that DRCOG reviews the data and uses it to smaller units (ie. by county etc).

There was discussion regarding job growth, migration, and trends.

Conversation with Phil Washington, RTD General Manager, on RTD's Role in Regional Air Quality Management

Andy Spielman introduced Phil Washington, RTD General Manager and stated that RTD is a partner with the RAQC and assists the program through bus board advertising. Mr. Washington provided an overview of his background. Through a series of questions posed by Marilee Utter of Citiventure Associates, Mr. Washington provided his perspective on FasTracks, transit ridership, and transit oriented development.

There was discussion regarding innovative techniques, fare structure, pass flexibility and steps RTD takes towards transit oriented development (TOD) and transit oriented communities.

Modeling update and discussion

Ken Lloyd indicated Mike Silverstein, APCD, will provide an overview of modeling used for air quality and then Simon Montagu, DRCOG will discuss the sustainability modeling that DRCOG has been working on.

Mike Silverstein, Air Pollution Control Division, presented an air quality modeling overview and preliminary ozone SIP modeling results. He outlined what models are, and how they are used.

Mike provided a summary of current ozone modeling. He noted that improvements were made to the ozone modeling in 2009 and outlined the following conclusions from these modeling improvements:

- When growth and planned controls are accounted for there is some progress towards attainment.
- Confirmation that both VOC and NOx controls are needed to reduce ozone.
- Confirmation that packaged strategies are necessary to solve the ozone problem.
- Model performs well and meets EPA specifications.
- Typical model adjustments/improvements are needed to ensure sensitivity and accuracy.

Mike then outlined the improvements made in the 2010 modeling and noted the following conclusions:

- Model improvement made notable difference in projected ozone levels
- Model performs with more sensitivity
- Model better predicts effectiveness of strategies
- Greater benefit with combined VOC and NOx reductions

Finally, Mike explained to the Council the next steps in the modeling process, which include:

- A RAQC technical meeting in late June/early July
- Complete additional 2010 model improvements; official modeling in 2011/12
- Refine meteorological assumptions
- Reconcile emissions data with measured concentrations
- Improve mobile source inventory
- Update oil and gas emission inventory to reflect RAP Phase III
- Conduct additional "what if" sensitivities scenarios
- Complete interim modeling report

Simon Montagu, DRCOG, stated the DRCOG Board discussed incorporating sustainability into the MetroVision plan. Simon outlined the potential goals that were accepted by the DRCOG Board in November 2009. DRCOG staff ran the goals ("what if") through the land use/transportation models to determine whether the outcomes related to the goals. Simon indicated that no official assumptions on strategies were made during the model runs. There was discussion on co-benefits and detailed model inputs included in the model runs.

Public Comment

Sabrina Williams, Denver Environmental Health, asked if emerging power was considered in the utilities emissions adjustments. Mike Silverstein indicated the APCD adjusted existing sources and made sure growth was adjusted properly.

Pam Milmoe, Boulder County Health, asked what technologies were used to achieve the maximum NOx reductions in the model. Mike Silverstein indicated that for large sources - mostly power plants - SCR or selective catalytic reductions were assumed and for older smaller sources where SCR is not possible, then the next level of control (SNCR) is used.

Aaron Fodge, North Front Range MPO, inquired as to what was the most time consuming with regard to modeling. Mike Silverstein indicated finding funding and updating emissions inventories takes the most time in the process.

Meeting wrap-up and overview of June meeting: co-hosted with DRCOG and the Metro Mayors Caucus, sponsored by the Governor's Institute

Kate Fay informed Council that the June 4 meeting will be held at the Oxford Hotel from 9 am – 3 pm. Lunch will be provided for Council. The meeting is being sponsored by the Governor's Institute on Community Design and co-hosted by the RAQC, DRCOG, NFRMPO and Metro Mayors' Caucus. Each organization will be self selecting individuals to participate in the discussion with RAQC members.

Kate outlined the agenda which included:

- Opening statements from Andy Spielman, RAQC Chair; Jim Martin, Regional Administrator, EPA Region 8; and Tamar Shapiro, Director, Governors' Institute on Community Design
- Improving air quality. Speakers will include Brian Leary, President and CEO, Atlanta Beltline, Inc. and Bill Mosher: Managing Director, Trammel Crow, Denver
- Lessons from Sacramento, California. Speakers will include: Tom Cosgrove, Mayor and Council Member, Lincoln (CA); member, SACOG Board of Directors; Larry Greene, Executive Director, Sacramento Metropolitan Air Quality Management District; and Mike McKeever, Executive Director, Sacramento Area Council of Governments Board of Directors
- What states can do to support innovation to meet air quality goals. Speakers will include: Russ George, Executive Director, CDOT; Susan Kirkpatrick, Executive Director, DOLA; and Martha Rudolph, Executive Director, CDPHE

Kate indicated the agenda will be available early next week.

Adjournment

There being no further business before the Council, the meeting was adjourned at 12:30 p.m.