

Proposed RAQC 2011 Meeting Framework
January 4, 2011

Overall Goal: To position the RAQC Board by the November/December meetings to have a working sense of the magnitude of needed ozone reductions; and to preliminarily identify ozone measures for 2013 SIP and determine further 2012 analysis needed, using the broad list of emission control strategies assessed in 2010 and much of 2011¹.

Key Assumptions:

- Meeting Frequency: Monthly
- Meeting Length: 3 hours from 9:30 am-12:30 pm
- Meeting Time Slot: 1st Friday of the Month, except for:
 - April meeting scheduled for April 8, 2011
 - No July meeting (unless needed)
 - September meeting scheduled for September 9, 2011
- Meeting design components may change, based on RAQC Board preferences and progress-to-date evaluating and discussing topics/issues 2011 work will build off of 2010 progress and further lay the groundwork for the 2012-2013 ozone SIP control measure selection process
- Each meeting will include time for public comment and other business, as necessary

Meeting 1: January 7, 2011 – RAQC 2010 Progress Report and Proposed Next Steps

Purpose: To Capture 2010 RAQC Progress and Set the 2011 RAQC Agenda

- Report on EPA's recent announcement to postpone Revised Ozone Standard
- Discuss final Alternative Transportation and Land Use Subcommittee Assessments/Recommendations
- Discuss Draft 2010 Progress Report to the Governor and Recommended 2011 Meeting Framework
- Presentation by and Discussion with Joe Cortright, Impresa Consulting on his Economic Analysis of Improving Linkages Between Transportation and Land Use in the Denver Metro Area

Meeting 2: February 4, 2011 – Welcome to New Governor and 2011 RAQC Work Program Kick-Off

Purpose: To confirm RAQC policy direction, introduce new RAQC members and discuss 2011 SIP measure analysis priorities and schedule

- Remarks by Governor John Hickenlooper (tentative)
- Review of Ozone SIP development timeline (with consideration of uncertainty due to EPA announcement delay)
- Discussion of 2011 SIP Measure Analysis Priorities and Schedule
- Review and discussion of RAQC 2011 Work Plan/Budget
- Update: Affect of Clean Air Clean Jobs Act implementation and Regional Haze SIP on Ozone SIP planning

¹ This goal and specific components of the meeting framework could change if EPA fails to publish the new ozone standard and associated implementation guidance by July 31, 2011, as currently indicated.

Meeting 3: March 4, 2011 - Further Discussion and Next Steps on Potential Ozone SIP Measures Involving Motor Vehicle Fuels

Purpose: To refine ozone SIP measure options involving motor vehicle fuels by discussing current status of options and identifying next steps

- Staff presentation on fuels report comments and planned responses/next steps
- Industry perspective on fuels report and discussion with RAQC
- Staff update on progress evaluating other motor vehicle fuels options (e.g. fleet CNG, electrification, ethanol etc.)
- Panel Discussion on other motor vehicle fuels options/market penetration
 - Industry representatives (EV, ethanol, gas)
 - Environmental Representatives
 - Local government (infrastructure development role and associated supply and fuels cost considerations)
- RAQC discussion and recommendations on Motor Vehicle Fuels Next Steps

Meeting 4: April 8, 2011 – Digging Deeper into the Linkages between Air Quality Planning, the Built Environment and Public Health Protection:

Purpose: To further discuss how the "built environment" can influence air quality planning, public health protection and the region's economy; and identify concrete steps for advancing mutual goals. Invite DRCOG and Metro Mayor's Caucus Executive Committee to attend.

- Staff "refresher" of Key Topics/Recommendations from June 2010 co-host meeting with DRCOG and Metro Mayors conference discussing innovative approaches to SIP planning in Atlanta and Sacramento
- Panel discussion with RAQC Board on the relationship between air quality planning and public health protection and management goals, objectives, costs and savings
 - CDPHE to introduce the topic and summarize programs
 - Academic Expert to provide national research on how the built environment can impact regional health care delivery costs
 - Health Care provider/Metro Chamber/other business (to focus on actual economic benefits (reduced health care costs) of "healthier" built environment
 - NGO or foundation (e.g. Colorado Trust/Colorado Health Foundation) to present grant making/financial incentive approaches for marketing "healthy" communities to business
- Panel Discussion with RAQC Board to initially prioritize land use measures under consideration for ozone SIP
 - Staff summary and status of measures under evaluation
 - Response and "reality check" discussion with developers, Metro chamber, health care providers, local land management agencies (county/regional/municipal government), environmental/public health advocates
 - RAQC Board guidance to staff on next steps/needed adjustment, etc.
- Staff update on discussions with EPA regarding feedback on SIP appropriateness of potential SIP measures assessed in 2010 (see 2010 Progress Report to the Governor)

Meeting 5: May 6, 2011: Stationary source ozone SIP measures: Status, Options and Next steps

Purpose: To review and discuss available stationary source ozone control measures

- Update on role of stationary sources in ozone nonattainment
- Discussion of: 1) measures approved in current in ozone SIP or state legislation; 2) measures previously considered but not in current SIP; 3) strategies employed in other states; and, 4) federal measures.

Meeting 6: June 3, 2011: Transportation Pricing and Motor Vehicle (not fuels) Measures Evaluation Update and Discussion

Purpose: To discuss results of staff further evaluation of potential transportation pricing and motor vehicle measures preliminarily assessed in 2010

- Staff update on further evaluation and associated recommendations
- Discussion by RAQC Board on next steps

NO July Meeting Schedule or Hold for Possible July Meeting on July 8, topic to be determined based on need

Meeting 7: August 5, 2011- Ozone Air Quality Modeling and Opportunities for Using Energy Efficiency-related Measures in the Ozone SIP

Purpose: To provide the RAQC Board with an updated perspective on air quality modeling efforts underway, which are designed to support ozone SIP development; and to consider the extent to which energy efficiency measures might offer ozone SIP benefits

- Staff presentation and RAQC discussion of ozone air quality modeling and significant developments, responses to 2010 technical meeting recommendations and modeling consultant's work status and activities.
- Staff/expert (possibly including the Governor's Office of Energy Conservation) presentation and discussion of the extent to which the RAQC may be able to use energy efficiency laws and initiatives as ozone reduction strategies, building on Colorado's leadership in this area.

Meeting 8: September 9, 2011 – New EPA Ozone Standard and Implementation Guidance

Purpose: To evaluate and discuss EPA's new ozone standard and related implementation considerations as they pertain to Ozone SIP development

- Staff presentation on new EPA ozone standard and implementation guidance
- Discussion with EPA region and headquarters staff on new standards and implementation guidance
- Discussion on how new standard and guidance will affect ozone SIP development timeline and strategy

Meeting 9: October 7, 2011 - Alternative Transportation Measures Assessment Status; and Basis and Magnitude of Emission Reductions Needed to Demonstrate Attainment and Maintenance of the Ozone Standard

Purpose: *To provide the RAQC Board with an update and sense of the magnitude and general nature (transportation, mobile, stationary and area source) of ozone reductions likely needed to demonstrate attainment (NOTE: This meeting is designed to set the stage for November and December meetings that will allow the RAQC Board to “bracket” and preliminarily identify ozone SIP measures).*

- Discuss and prioritize results of further evaluation of potential alternative transportation measures preliminarily assessed in 2010 and early 2011
- Discuss current preliminary understanding of the following, recognizing final air quality modeling results (“attainment year base case”) will not be available until December 2011:
 - Updated ozone attainment target (**Where do we need to be?**)
 - Updated base year modeling results considering impact of MOVES, other significant inventory adjustments (if relevant), and other improvements (**Where do we think we are?**)
 - Menu of potential ozone reduction strategies for the 2013 SIP (**How might we meet our goals?**):
 - Measures under consideration that EPA would likely accept for affecting the emissions baseline
 - Measures under consideration that EPA would likely accept as SIP measures
 - Measures under consideration that EPA would not likely accept
 - Anticipated information needed to refine ozone projections and targets

Meeting 10: November 4, 2011 – Ozone SIP Measure Initial Selection

Meeting 11: December 9, 2011 – 2011 Accomplishments and Discussion of Strategic Next Steps and Timeline

Purpose: *BOTH the November and December meetings would involve a highly interactive and facilitated effort by RAQC board members to select categories (stationary/area source, motor vehicle and motor fuels source, alternative transportation, transportation pricing, land use source) of air quality control measures for the following uses:*

- Inclusion in 2013 ozone SIP as a SIP attainment measure
- Inclusion in 2013 ozone SIP as baseline reduction measure
- Discussion in 2013 ozone SIP as a potential ozone standard maintenance measure
- Exclusion from any ozone SIP consideration, why and how they might be used to assist overall air quality planning efforts in the nonattainment area (e.g. as a best management practice for land use authorities etc.)

The selection of measures for these categories would take into consideration the selection criteria developed in 2010, as well as which measures offer the greatest ozone air quality benefit for the overall cost. This effort would also inform the RAQC about which measures still need further evaluation to be finally considered as a SIP measure