

# Metropolitan Washington Air Quality Committee

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## TECHNICAL ADVISORY COMMITTEE

**Date: November 17, 2006**

**Time: 10 am to 12 pm**

**Place: ICMA Conference Room, 5th Floor**

Lunch will be provided to members attending in person at noon

### DRAFT Agenda

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- 10:00 1. Call to Order and Review of Meeting Summary (October 10, 2006)**  
*Chairman Jim Sydnor, Virginia Department of Environmental Quality*
- 10:10 2. Attainment Modeling Subcommittee: Update**  
*Tom Ballou, VDEQ, will report on attainment modeling.*
- 10:30 3. Draft SIP: Overview**  
*Joan Rohlfs, COG DEP, will discuss the draft SIP.*
- 10:50 4. Conformity Subcommittee**  
*Stan Tracey, DC DOE, will provide an update on the recent Conformity Subcommittee meeting. Mike Clifford, COG DTP, will discuss Transportation Control Measures for the 8-hour ozone SIP.*
- 11:15 5. Contingency Planning: Update**  
*Jeff King, COG DEP, will discuss development of a contingency plan for the SIP.*
- 11:25 6. Local Government Commitments: Update**  
*Jeff King, COG DEP, will discuss local government commitments for the voluntary bundle.*
- 11:35 7. Nomination of Stakeholder Members**  
*Joan Rohlfs, COG DEP, will discuss nomination of new stakeholder members.*
- 11:45 8. State and Local Air Agency Reports**
- CAIR Implementation Rule Status
  - OTC Model Rule Development Status
- 11:55 9. Set Date for Next Meeting, Future Agenda Items, Adjourn:**  
Next TAC Meeting: December 8, 2006



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**DRAFT**

**MWAQC Technical Advisory Committee  
Meeting Summary  
October 10, 2006 10am to 12pm  
COG Board Room**

**Present:**

Tom Ballou, Virginia Department of Environmental Quality  
Tom Biesiadny, Fairfax County Department of Transportation  
Randy Carroll, Maryland Department of the Environment  
Bhesh Dhamala, Fairfax County Department of Environmental Services  
Diane Franks, Maryland Department of the Environment (by teleconference)  
Brian Hug, Maryland Department of Environment  
Maurice Keys, District of Columbia Department of Transportation  
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality  
Doris McLeod, Virginia Department of Environmental Quality  
Pam Parker, Montgomery County  
Jim Ponticello, Virginia Department of Transportation  
Howard Simons, Maryland Department of Transportation  
Chris Voigt, Virginia Department of Transportation  
Carl Winstead, Fairfax County Department of Transportation

**Staff:**

Mike Clifford, COG/DTP  
Jeff King, COG/DEP  
Sunil Kumar, COG/DEP  
Eulalie Lucas, COG/DTP  
Erin Morrow, COG/DTP  
Jane Posey, COG/DTP  
Joan Rohlfis, COG/DEP

**Observers/Participants:**

Gary Allen, Center for Chesapeake Communities  
Julie Crenshaw Van Fleet, AQPAC  
Alex Menotti, George Washington University Law School  
Bill Orleans, PG Action

**1. Call to Order and Review of Meeting Summary (September 12, 2006).** Mr. Ballou called the meeting to order at 10:12. The minutes of the September 12 meeting were approved with one change. Jim Ponticello said that he recommended that EPA coordinate the air quality action day color coding system for both ozone and PM.

**2. Conformity Subcommittee**

Jeff King provided a report on a draft comment letter prepared by the Conformity Subcommittee. The comment letter addresses the draft conformity determination for the 2006 CLRP and 2007-2012 TIP. The letter recognizes that mobile emissions are below the required levels under the interim tests for each of the milestone years. Implementing agencies are urged to maintain their commitment to emission reduction

measures given the potential for more stringent mobile budgets for both ozone and PM<sub>2.5</sub> precursors starting in 2007 and 2008. The draft letter was approved for transmittal to the MWAQC Executive Committee for action.

### **3. SIP Schedule: Update**

Joan Rohlfis provided an update on the SIP schedule. Two main outstanding items are the contingency plan and the attainment modeling results. The draft SIP will be circulated to members in early November. AQPAC will be hosting an air quality town meeting on October 19 from 5-7 pm. Two new brochures were developed to support the outreach efforts. The town meeting is not an official public hearing on the SIP, which should occur in February or March 2007. The panelists for the town meeting are Phil Mendelson, Jill Engel-Cox, Ron Kirby, Debra Jacobson, Mike Powell (an attorney for the utility sector), and a representative from the American Lung Association. Registration is not required.

### **4. Attainment Modeling Subcommittee: Update**

Tom Ballou reported on attainment modeling. In August, the modeling centers received updated emission inventory data. Within the next week, the future base case and beyond on-the-books/on-the-way runs will be completed by the OTC modeling center in New York. There will be an OTC modeling committee meeting on October 26 to discuss the new results. Sunil Kumar discussed weight of evidence, which is an EPA requirement for the SIP. He reviewed the various analyses being prepared for the SIP and said that in general the weight of evidence will support the attainment demonstration. Julie Crenshaw Van Fleet asked why the monitors in Southern Maryland and Virginia appear to continue to experience exceedances. Sunil Kumar said that it's a combination of complex factors, such as meteorology and effects of transport.

### **5. Local Government Initiatives Subcommittee: Update**

Jeff King discussed the results of a survey of local government initiatives. Based on input from local governments, a range of new initiatives are being developed for inclusion in the voluntary bundle. They include wind energy purchases, energy efficiency programs, diesel retrofits, low-emission vehicle purchases, use of low-VOC paints, parts washer replacements, and urban tree canopy improvement. Local governments will need to send commitment letters to the state air agencies by the end of the year.

Joan Rohlfis requested that the TAC consider approving a recommended bundle for transmittal to MWAQC. Howard Simons said he would approve the bundle proposal to MWAQC as long as it's clear that several remaining issues for particular measures may need to be resolved before the bundle is finalized. Tom Biesiadny asked that a meeting be convened to discuss the mobile source related measures. Julie Crenshaw Van Fleet said that the Green Buildings measure needs to be clarified to state whether only new buildings are addressed. She also said that the tree canopy/heat island measure needs a set of specific criteria. She said that all local jurisdictions should be participating in the episodic programs.

### **6. Contingency Planning: Update**

Jeff King discussed development of a contingency plan for the SIP. Under the requirements of the Clean Air Act (CAA), a contingency plan for Reasonable Further Progress (RFP) and attainment needs to be included in the 8-hour ozone SIP. The contingency plan must contain reductions from measures that total 3 percent of the adjusted 2002 base year inventory for both RFP and attainment. A minimum of 0.3 percent VOC must be included. Contingency reductions must occur on a timetable that is directly related to the RFP and attainment SIP schedule. According to EPA, states have no more than one year after notification by EPA of an RFP or attainment failure to achieve the contingency plan reductions. For a potential RFP failure, notification would be received in 2009, therefore the contingency reductions must be achieved no later than 2010. For a potential attainment failure, notification would be received in 2010, therefore the contingency reductions must be achieved no later than 2011. In addition to adopting new regulatory programs, the region can meet its contingency requirement through reductions expected from

adopted measures that are already scheduled for implementation. Such measures could include reductions expected from federal measures affecting the on-road and non-road sectors. Staff recommended that the TAC request that mobile and non-road emission inventories be developed for 2010 to determine the magnitude of expected reductions from these source sectors. Staff will also evaluate the potential reductions from other measures already scheduled for implementation and other alternatives.

Howard Simons asked about what happens to contingency measures if they are not needed. Joan Rohlfs said that EPA has said that if the reductions from on-road sources were to be used as contingency, the mobile budget to be set for 2010 would have to be mandatory and would need to be implemented on a date certain. Brian Hug said that a maintenance plan will be required if the region attains in 2009. He said that IAQC will be involved in making a decision about use of a 2010 mobile budget as a contingency.

Jim Ponticello asked about use of new OTC measures as a contingency. Howard Simons asked about the benefits of the new OTC measures, including a potential new rule on asphalt production. Doris McLeod said that the OTC has preliminary estimates and is trying to finalize various supporting analyses. Brian Hug said that there is a range of potential new OTC measures, and the level of development varies. In response to a question from Maurice Keys, Joan Rohlfs said that the voluntary bundle probably cannot be used as a contingency measure.

A motion was made and seconded to have staff evaluate mobile and non-road emission inventories for 2010 to determine the magnitude of expected reductions from these source sectors. The motion was approved with no objections.

#### **7. Nonroad Survey: Update**

Joan Rohlfs reported on a survey of nonroad diesel equipment being conducted in the region. She said that NuStats has been hired to conduct the survey. The goal is to get an 80 percent response rate and a total of 600 responses. The survey will continue until that level is reached. Given concerns about the industry reaction to a survey letter from the state air agencies, Ron Kirby agreed to sign the letter. Results are expected by the end of the year.

#### **8. New Business**

Joan Rohlfs announced that an Air Quality Town Meeting will be held from 5 to 7 pm on October 19. Julie Crenshaw Van Fleet said that the four stakeholder members not in attendance today should be alerted to the meeting. Joan Rohlfs said that the announcement was sent to all members. In addition, Fairfax and Montgomery County citizen's environmental committees, the District Neighborhood Advisory Commissions, and the Arlington and Prince George's county's advisory groups were all alerted. Doris McLeod and Randy Carroll agreed to send the notice to community groups and stakeholders.

#### **9. State and Local Air Agency Reports**

Brian Hug reported for Maryland. He said that the most recent SIP activity was submission of the RACT SIP to EPA. Maryland is now working on the CAIR and CAMR SIPs.

Tom Ballou reported for Virginia. He said that Virginia is also working on the CAIR/CAMR SIPs. The Air Board decided to defer action on the CAMR rule and is evaluating additional options. Recently the City of Alexandria and others commented on the Potomac River Generating Station owned by Mirant. The Board decided to take action on any permit issued for the facility. Virginia also held a public hearing on the RACT SIP and will submit the SIP to EPA next week.

**10. Set Date for Next Meeting, Future Agenda Items, Adjourn:** Next TAC Meeting: November 17, 2006.