

**Metropolitan Washington Air Quality Committee**  
**Suite 300, 777 North Capitol Street, N.E., Washington, D.C. 20002-4239**  
**(202) 962-3358 Fax (202) 962-3203**

**DRAFT MINUTES OF DECEMBER 12, 2007 MEETING**

**Attendance:**

**Members and Alternates**

Tad Aburn, Maryland Department of the Environment  
Cecily Beall, District of Columbia Department of Environment  
Hon. John Britton, City of Rockville  
Hon. Sharon Bulova, Fairfax County  
Del. Adam Ebbin, Virginia General Assembly  
Jill Engel-Cox, JCET/AQPAC  
Hon. Nancy Floreen, Montgomery County, MWAQC Chair  
Hon. Alan Imhoff, City of Frederick  
Maurice Keys, District Department of Transportation  
Hon. Leta Mach, City of Greenbelt  
Hon. Phil Mendelson, District of Columbia  
Hon. Redella Pepper, City of Alexandria  
Howard Simons, Maryland Department of Transportation  
Hon. Dave Snyder, City of Falls Church  
Hon. Linda Smyth, Fairfax County  
JoAnne Sorenson, Virginia Department of Transportation

**Others Present:**

Tom Ballou, Virginia Department of Environmental Quality  
Bill Butler, Mirant  
Randy Carroll, Maryland Department of the Environment  
Julie Crenshaw Van Fleet, AQPAC  
Rebecca Davis, Clean Air Partners Education Coordinator  
Diane Franks, Maryland Department of the Environment  
Barbara Hardy, Fairfax County  
Brian Hug, Maryland Department of the Environment  
Doris McLeod, Virginia Department of Environmental Quality  
Gene Lauer, Consultant  
Bob Owolabi, Fairfax County Department of Transportation  
Pam Parker, Montgomery County Department of the Environment  
Mark Rawlings, District Department of Transportation  
Nathan Rushing, Competitive Power Ventures  
Sharon Segner, Competitive Power Ventures  
Bill Skrabak, City of Alexandria  
Kanti Srikanth, Virginia Department of Transportation  
Harriet West, Clean Air Partners

**Staff:**

Mike Clifford, COG/DTP

Stuart Freudberg, COG/DEP

Jeff King, COG/DEP

Sunil Kumar, COG/DEP

Joan Rohlf, COG/DEP

Daivamani Sivasailam, COG/DTP

**1. Call to Order, Public Comment Period, Approval of Minutes, Announcements**

Chair Floreen called the meeting to order at 10:05 a.m. There were no public comments. Ms. Floreen called for a motion to approve the draft minutes of the October 24, 2007 meeting. A motion was made and seconded. The minutes were approved unanimously.

There were several announcements. Today's meeting is shorter than usual due to the COG Board meeting starting at noon. This meeting will end at 11:30, followed by a Budget Committee meeting in Room 3. California filed suit against EPA for failure to take action on the waiver request for vehicle greenhouse gas standards. Thirteen states (including Maryland) have adopted California clean car standards. The District is considering adoption of the standards. There are 2 major items of business on the agenda today: approval of the Annual PM2.5 SIP for public comment and election of MWAQC officers for 2009.

**2. Committee Reports**

**A. Report of the Technical Advisory Committee**

Ms. Beall said that the main focus of the TAC has been to complete the draft SIP for public comment. A special TAC teleconference was held on December 11 to follow-up on the agreement at the December 6 meeting that the City of Alexandria would propose draft language to include in the SIP to address the issue of local hotspot analysis. Members did not agree to the proposed language from the City. Members agreed to include language provided by Virginia DEQ for the local area analysis section of the SIP. Virginia DEQ will continue to try to arrange a stakeholder meeting to address this issue. She also said that the given the timing of the public comment period for this year's conformity demonstration, the MWAQC Executive Committee may need to take action on an MWAQC comment letter in January. Stakeholder applications are due by the end of the year.

**B. Report of the Air Quality Public Advisory Committee**

Ms. Engel-Cox provided notes from the November 1 Air Quality Town Hall meeting. She said that AQPAC members have been reviewing the draft SIP and plan to submit public comments. AQPAC encourages the states to hold the public hearings at locations that are accessible to transit. AQPAC is also involved with ongoing discussions about the Benning Road power plant. AQPAC has received a copy of a Health Consultation Report for the Benning Road plant from the Agency for Toxic Substances and Disease Registry (ATSDR). Members were frustrated with the poor quality of the results. Additional information is available from the DC Department of Environment.

### **C. Report of the Clean Air Partners**

Harriet West reported on recent activities of Clean Air Partners. Clean Air Partners' first e-newsletter will be distributed in December 2007 to more than 1,200 contacts in the AirAlerts database. Based on recent meetings with sponsors, funding commitments for 2008 will likely meet or exceed 2007 levels (\$152,500 in cash contributions and \$149,000 in-kind support). Curriculum and outreach materials are being finalized and will be available in December. COG awarded a contract to Rebecca Davis in October 2007 to serve as the new part-time air quality curriculum and outreach coordinator. Materials for the parts washer rebate program have been developed and distributed at recent Virginia Department of Environmental Quality auto body self-certification workshops and to other automotive facilities and vendors. The program provides a \$1,000 rebate towards the installation and use of a new aqueous parts washer. The Prince George's County Air Quality Awareness Survey was distributed to nearly 6,000 employees in mid-November and is scheduled to close in mid-December. The Managing Director has had preliminary conversations with several potential public and private sector organizations in Northern Virginia about participating in the 2008 Clean Air Teleworking pilot.

### **D. Report of the Interstate Air Quality Council (IAQC)**

Mr. Ballou reported on the IAQC. There was a commissioners call on December 4. Members approved the proposed motor vehicle emission budgets in the draft PM<sub>2.5</sub> SIP. Several informational items were also discussed, including the new daily PM<sub>2.5</sub> standard, the new ozone NAAQS, and climate change programs.

### **E. Report of the Climate Change Steering Committee (CCSC)**

Mr. Freudberg reported on a recent meeting of the CCSC. COG's Institute for Regional Excellence (IRE) conducted a survey of local government programs that provide climate benefits, the final report will be available in January. Members were provided a legislative update, including the Warner-Lieberman bill. Potential climate change impacts were discussed; the number of days above 90 degrees is expected to increase significantly in the absence of programs to mitigate climate change. The next major task of the committee is to discuss regional goals and targets. Mr. Aburn said that the Maryland Climate Change Commissions completed its November interim report. The Maryland Global Warming Solutions Act and several related legislative initiatives are also being considered.

### **3. Draft Annual PM<sub>2.5</sub> SIP: Overview (ACTION after ITEM #5)**

Ms. Rohlfs presented the draft PM<sub>2.5</sub> SIP. She provided background information on particle pollution, including primary and secondary sources. She reviewed the planning schedule. The PM<sub>2.5</sub> standards were first established in 1997. Designations were made on April 5, 2005, and the SIP is due three years after that date. The deadline for attainment is April 2010, but the monitoring data for 2009 must be used to demonstrate attainment. Designations for the new daily PM<sub>2.5</sub> NAAQS will also be made in 2009. She reviewed the required elements for the SIP. Emission inventories, attainment modeling, RACM, and contingency measures are required. An RFP plan is not required. The base year monitoring values and the predicted attainment year Design Values were presented. The modeling results indicate that none of the monitors in the region will exceed the NAAQS in 2009. Current monitoring data indicates that the Design Values for the region for 2003-2006 are already below the NAAQS. Improvements are attributed to cleaner cars and fuels, and power plant controls.

#### **4. PM<sub>2.5</sub> Emissions Inventories**

Sunil Kumar discussed the PM<sub>2.5</sub> Emission inventories for the SIP. PM<sub>10</sub>, PM<sub>2.5</sub> direct, and the precursors NO<sub>x</sub>, SO<sub>2</sub>, ammonia, and VOCs must be included for the base year inventory. Only PM<sub>2.5</sub> direct and the precursors NO<sub>x</sub> and SO<sub>2</sub> are required for the 2009 attainment year inventory. The SIP includes an assessment of precursor significance for SIP controls and motor vehicle emission budgets. SIP controls are not required for VOCs and ammonia at this time. Motor vehicle emission budgets are only required for PM<sub>2.5</sub> direct and the precursor NO<sub>x</sub>. While SO<sub>2</sub> SIP controls are required, mobile budgets are not required for SO<sub>2</sub> because mobile SO<sub>2</sub> emissions are a very small percent of the total overall SO<sub>2</sub> emissions in the region. He summarized the changes in emission levels between 2002 and 2009 for each major source category. Significant reductions are expected from on- and non-road sources. Significant NO<sub>x</sub> reductions are also expected from power plant controls. Members suggested adding a note on the SO<sub>2</sub> chart indicating that SO<sub>2</sub> emissions are expected to decline significantly in 2010 as a result of the CAIR and Healthy Air Act program requirements.

#### **5. PM<sub>2.5</sub> Control Measures, Contingency Measures**

Jeff King summarized the control measures included in the SIP. Similar to the 8-hour ozone SIP, emission reductions are applied for measures implemented after the 2002 base year. The most significant measures include Tier 2 Motor Vehicle Standards, the Heavy Duty Diesel Rule, the Nonroad Diesel Rule, and CAIR/Healthy Air Act. A list of Transportation Control Measures (TCMs) is included. Local voluntary measures are included as supplemental measures. An analysis of available control measures determined that there are no additional RACM that could be adopted by January 2008 to advance the attainment date by one year. Contingency measures are required for potential attainment failures. The measures proposed for the contingency plan are the Tier 2 Motor Vehicle Standards and CAIR/Healthy Air Act. For the contingency plan, the SIP includes a 2010 annual mobile budget for NO<sub>x</sub> to credit the Tier 2 reductions. The contingency plan will rely on some substitution of SO<sub>2</sub> for NO<sub>x</sub>.

Members discussed approval of the SIP for public comment. Ms. Pepper said that the City of Alexandria is disappointed that Chapter 9 does not adequately address hotspots. She said that the City has one of the largest hotspots in the region caused by the Mirant Potomac River Generating Station (PRGS). The city has conducted modeling that indicates that the plant causes exceedances of the NAAQS. The city wants the SIP to include a requirement that modeling be done to determine the impact of the plant on air quality and that the SIP and permit for the facility be consistent. Mr. Ebbin asked why such requirements were not included in the SIP. Mr. Ballou said that the city and Virginia DEQ could not agree on the language to include in the SIP. TAC members agreed to language suggested by Virginia DEQ that requires modeling once an acceptable protocol and tools are available. John Britton and Bill Skrabak said that the use of trona to control SO<sub>2</sub> may increase PM<sub>2.5</sub> direct emissions from the facility and that the facility may also contribute to air quality degradation at the regional level. EPA Region III had indicated that the appropriate mechanism to address the situation is during the development of the PM<sub>2.5</sub> SIP. Mr. Ballou said that Virginia DEQ is trying to arrange a meeting between the various stakeholders to address the issue of the PRGS in Alexandria but that issues likely will not be resolved before the public comment period. A motion was made and seconded to approve the SIP for release for public comment. The motion was approved with no objections.

**6. State Air Agency Reports**

Mr. Aburn reported for Maryland. The Maryland Clean Cars rule was approved. The Advisory Council also just approved the adhesives/sealants rule. The RGGI rule is being developed. The rule may establish a 100 percent auction of CO2 allowances which will generate a significant fund that can be used to promote energy efficiency. The program will go into effect in the summer of 2008.

Mr. Ballou reported for Virginia. The OTC rules are being adopted and should be approved by the Air Pollution Control Board in March.

Ms. Beall reported for the District. The DC Clean Cars bill is being considered by the Council. The OTC VOC rules will be released for public comment soon. Regional haze and infrastructure SIPs are being prepared. The Council is considering establishing a sustainable energy utility that will focus on funding energy efficiency programs.

**7. Nominating Committee Report and Election of Officers**

Ms. Smyth provided the nominating committee report. The committee included Linda Smyth, Phil Mendelson, and Roger Berliner. The Nominating Committee proposed the following slate of officers for MWAQC for the year 2008:

Chair: David Snyder  
Council Member, Falls Church City Council, VA

Vice Chair: Phil Mendelson  
Council Member, Council of the District of Columbia

Vice Chair: Leta Mach  
Council Member, Greenbelt City Council

Vice Chair: (Virginia) TBD in January 2008

A motion was made and seconded to approve the slate of officers. The motion passed with no objections.

**8. Date for Next Meeting and Adjourn**

The next meeting will be held on March 7, 12 - 2 pm. The meeting was adjourned at 11:15am.