

# Metropolitan Washington Air Quality Committee

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## TECHNICAL ADVISORY COMMITTEE

**Date: March 6, 2007**

**Time: 10 am to 12 pm**

**Place: Rooms 4/5, 1st 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 (February 13, 2007)**  
*Chairman Stanley Tracey, District Department of the Environment*
- 10:10 2. Draft SIP Overview**  
*Joan Rohlfs, COG DEP, will discuss the presentation of the draft SIP.*
- 10:25 3. SIP Emission Inventories**  
*Sunil Kumar, COG DEP, will report on the emission inventories included in the draft SIP.*
- 10:40 4. SIP Local Government Voluntary Commitments**  
*Jeff King, COG DEP, will report on the voluntary bundle included in the draft SIP.*
- 11:00 5. Use of Mobile Measures in the SIP**  
*Jeff King, COG DEP, will report on the use of mobile measures in the SIP as TCMS, weight of evidence, and conformity.*
- 11:15 6. Contingency Plan for RFP and Attainment**  
*Jeff King, COG DEP, will report on the Contingency Plan included in the draft SIP.*
- 11:25 7. Weight of Evidence**  
*Diane Franks, MDE, will discuss research on High Electricity Demand Days, Code Orange Telecommuting, and Tree Canopies for use in weight of evidence for the draft SIP.*
- 11:35 8. Special Meeting of the Ozone Transport Commission**  
*Brian Hug, MDE, will report on the recent meeting of the Ozone Transport Commission.*
- 11:45 9. State and Local Air Agency Report**
- 11:50 10. Set Date for Next Meeting, Future Agenda Items, Adjourn:**  
**Next TAC Meeting: April 10, 2007**



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**DRAFT**

**MWAQC Technical Advisory Committee  
Meeting Summary  
February 13, 2007 10am to 12pm  
Teleconference**

**Present:**

Tom Ballou, Virginia Department of Environmental Quality  
Rick Canizales, Prince William County  
Randy Carroll, Maryland Department of Environment  
Deirdre Elvis-Peterson, District Department of Environment  
Barbara Hardy, Fairfax County Department of Health Services  
Brian Hug, Maryland Department of Environment  
Jon Kinsman, Edison Electric Institute  
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality  
Doris McLeod, Virginia Department of Environmental Quality  
Bob Owolabi, Fairfax County Department of Transportation  
Pam Parker, Montgomery County Department of Environmental Protection  
Jim Ponticello, Virginia Department of Transportation  
Bill Skrabak, City of Alexandria  
Howard Simons, Maryland Department of Transportation  
Kanti Srikanth, Virginia Department of Transportation  
Bob Stroik, National Park Service  
Ram Tangirala, District Department of Environment  
Stan Tracey, District Department of Environment  
Chris Voigt, Virginia Department of Transportation  
Ken von Schaumburg, Greater Washington Board of Trade  
Flint Webb, Fairfax County Federation of Citizens Associations  
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  
Joan Rohlfs, COG/DEP  
Daivamani Sivasailam, COG/DTP

**Observers/Participants:**

Charley Baummer, Metropolitan Washington Airports Authority  
Julie Crenshaw Van Fleet, AQPAC  
Debra Jacobson, George Washington University Law School

**1. Call to Order and Review of Meeting Summary (January 9, 2007).** Mr. Tangirala called the meeting to order at 10:04. The minutes of the January 9, 2007 meeting were approved with one change. Ram Tangirala said that he asked that the modeling inventories be provided for TAC member review. He also said that the agenda is being revised to include the stakeholder item first, and a report from the Conformity Subcommittee after the Attainment Modeling Subcommittee report.

**2. Application for Stakeholder Positions**

Joan Rohlfs discussed the status of stakeholder appointments for 2007. Stakeholder members are appointed by the TAC Chair with approval of the MWAQC Executive Committee, and they serve for the calendar year. Stan Tracey of the District appointed four members for 2007. Flint Webb was reappointed, representing the Fairfax County Federation of Citizens Associations. The following three members are new appointments: Bob Stroik representing the National Park Service; Jon Kinsman, representing the Edison Electric Institute; and Ken von Schaumburg, representing the Greater Washington Board of Trade. Ram Tangirala said that the stakeholders are non-voting members and can participate in all of the subcommittees and ad hoc workgroups.

**3. Attainment Modeling Subcommittee: Report**

Tom Ballou reported on attainment modeling. Virginia DEQ is handling the final attainment modeling run which will reflect several recent revisions to the emissions inputs. Modeling results should be discussed at an Attainment Modeling Subcommittee call before they are presented to MWAQC on February 28. Members suggested that the TAC should be invited to the subcommittee call to provide the opportunity for review prior to MWAQC. Tom Ballou said that a weight of evidence discussion needs to be prepared to support the attainment modeling results. He also suggested that staff consider including alternative methods of Design Value calculation as part of the weight of evidence analysis. Joan Rohlfs said that she would make arrangements for a subcommittee call, and invitations would be extended to the full TAC membership. Bill Skrabak asked Virginia DEQ to provide the emissions inputs for the Potomac River Power plant that were used in the modeling.

**4. Conformity Subcommittee: Report**

Brian Hug reported on the recent Conformity Subcommittee meeting. Major items discussed on the recent call include handling of mobile measures in the voluntary bundle and establishing 2010 mobile budgets for use in the contingency plan.

A decision is needed on whether local mobile measures such as diesel retrofits and low-emission vehicle purchases will be included in the SIP voluntary bundle. On the call, the air agencies encouraged inclusion in the bundle. Local government environment and transportation staff agreed to discuss internally to reach a decision. Joan Rohlfs said that final recommendations are needed by February 23. Jeff King provided a list of options for handling the mobile measures. Several members expressed preference for removing the mobile measures from the bundle, including them in weight of evidence, and reserving the credits for use as TERMS. Joan Rohlfs said that staff will contact EPA to determine if use of mobile measures in weight of evidence precludes their use as TERMS.

Brian Hug deferred the 2010 mobile budget discussion summary to next agenda item on contingency planning.

**5. Contingency Planning: Report**

Jeff King reported on the status of contingency planning and presented a memo summarizing the proposed approach for meeting the requirements for both RFP and attainment contingencies. The SIP will include an 18% RFP Plan which is 3 percent beyond the required 15% RFP reduction. The 3% requirement for addressing attainment contingency is met by: Tier 2 motor vehicle emission standards; non-road sector reductions from various federal programs; and the OTC Portable Fuel Container rule. An outyear 2010 mobile budget must be established in order to claim attainment contingency credits for the Tier 2 standards. MWAQC formally requested to TPB that up to 9 tpd NOx be provided for the

contingency plan if additional reductions are required to meet the target. TPB is expected to take action on MWAQC's request on February 21.

Howard Simons asked why the memorandum contains two options for meeting attainment contingency. Ram Tangirala said that MWAQC should be able to consider both a 2010 and 2011 scenario. Maryland and Virginia representatives said they support providing MWAQC with only the 2011 scenario. Ram Tangirala said that the District environment and transportation departments will coordinate the District's position and will forward a recommendation.

#### **6. Local Government Commitments: Report**

Jeff King reported on the recommended bundle of local voluntary measures. He provided a table summarizing the potential commitments for each jurisdiction and updated members on the status of commitment letters.

Debra Jacobson asked the states if it is necessary to brief EPA Region III before the public comment period on the new avoided emissions analysis being used to estimate the benefits of the energy efficiency and renewable energy measures. Brian Hug said that the states are comfortable with the revised methodology and there is no need for special communication with EPA in advance of the public hearings. He thanked Debra Jacobson and her team for the contribution to the analysis.

In response to a question from Ram Tangirala, Jeff King said that only government entities are being included in the voluntary bundle at this time.

Rick Canizales said that Prince William County may join the VEPGA wind energy purchase, pending Board approval. He said a commitment letter is pending.

#### **7. Mobile Measures Analysis and 2010 Mobile Budget: Update**

Mike Clifford, Daivamani Sivasailam, and Jeff King discussed recent efforts to evaluate potential mobile sector measures for the SIP. TPB's Technical Committee and Travel Management Subcommittee and DTP staff have been working with MWAQC staff to review the list of potential mobile measures in an effort to identify any duplication and to develop emission reduction estimates. Some of the new mobile measures reviewed by staff are already included as TERMS. If they are advanced in the SIP, they will be removed as TERMS. Siva said that the emissions benefits from all of the identified diesel retrofit and LEV projects could equal 0.1-0.3 tpd VOC. The Fairfax County diesel retrofits provide the largest potential benefit. LEV purchases tend to provide benefits on the order of 0.001 tpd NOx. Julie Crenshaw van Fleet asked why there was no information available for fleet vehicles in the District. Jeff King said that DDOT is aware and is working to provide the detailed information needed by DTP staff to complete the analysis.

Mike Clifford also discussed TPB's consideration of a proposed 2010 mobile budget. He said that TPB staff are working on a response to the MWAQC request for up to 9 tpd NOx for the contingency plan. Ram Tangirala asked Mike Clifford for the final 2010 mobile inventory. Mike Clifford said that the full 2010 inventory will not be provided because it is no longer needed to support the proposed step down budget for the contingency plan.

#### **8. Work Program and Budget**

Joan Rohlfis discussed the proposed FY2008 work program and budget. The Budget Committee chaired by Nancy Floreen met twice and approved the recommend budget on February 9. The core budget will increase by 4 percent and will be split 1/3 each between the state air, state transportation, and locals. The overall budget will decline by approximately \$75,000 due to completion of the nonroad survey in the 2007 fiscal year. In addition to completing work on the 8-hour ozone SIP, the major work task for the year will be development of the PM<sub>2.5</sub> SIP. EPA has not yet released the guidance for preparation of the

PM SIPs. Members identified several minor corrections to the budget document. Members approved the budget for recommendation to MWAQC.

### **9. Climate Change Roundtable: Update**

Joan Rohlfis discussed the recent climate change roundtable held at COG. Members of COG's Energy Policy Committee provided seed funds to support initial work on developing a regional program. A staff roundtable was held at the end of January to discuss COG's potential role in addressing climate change and to learn more about a variety of national climate initiatives under development. After the roundtable, the issue has been brought before the COG Board as well as the Chief Administrative Officers Committee. A draft resolution is being considered. A request may be made of MWAQC to articulate a position on how a climate program should be structured for the region. Joan Rohlfis said that greenhouse gases are not currently part of MWAQC's charter. The main point of contact at COG is George Nichols. He may organize a larger climate conference in the spring and will be trying to identify potential funding sources.

### **10. DC Court of Appeals Ruling on 8-hour Ozone Implementation Rule**

Joan Rohlfis provided an update on the status of the recent DC Court of Appeals ruling on the 8-hour Ozone Phase I Implementation Rule. She provided a memorandum provided by COG's General Counsel addressing the court ruling. Two basic issues arise with the court ruling. The first is one of unequal treatment, which doesn't impact the Washington region. The other is related to backsliding which could have implications for the Washington region. The two potential backsliding issues are Section 185 penalties and NSR/permit thresholds. Brian Hug said Maryland is more concerned about Section 185 penalties for the Baltimore region because the 1-hour ozone standard there was not attained. Joan Rohlfis asked if it would be useful to formally request from EPA a letter documenting that the Washington, DC region attained the 1-hour ozone standard. Members agreed that a letter should be drafted.

Jim Ponticello said that EPA is withholding a Transportation Conformity determination for the Fredricksburg region due to the court case.

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

Virginia had nothing to report.

Brian Hug reported for Maryland. He said that CAL LEV legislation will likely pass during this legislative session. There is also a new bill being considered that would establish an Office of Climate Change in Maryland. The Advisory Board is meeting to discuss several regulatory initiatives, including NSR and a barge loading regulation. Maryland intends to keep the NSR thresholds at the "Severe" area levels statewide. MDE is also finishing draft SIPs for the Baltimore and Philadelphia regions.

Stan Tracey reported for the District. The CAIR rule will be taken to public hearings. The District is also working to complete the OTC VOC Phase II rules. There is also a CAL LEV proposal before the DC Council.

Barbara Hardy reported for Fairfax. She said that the Fairfax Board will approve a letter committing to a variety of local voluntary programs on February 26.

Bill Skrabak reported for Alexandria. He said that the city is taking a position that the emission levels in the NOx Consent Decree affecting Mirant are now moot because the recent point source regulations and legislation provide for stronger controls. He said the city filed its brief for litigation involving Mirant.

**12. Set Date for Next Meeting, Future Agenda Items, Adjourn:** Next TAC Meeting: March 6, 2007. The meeting was adjourned at 12:10.

