

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: January 9, 2006

Time: 10 am to 12 pm

Place: Training Center, 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 (December 8, 2006)
<i>Chairman Stanley Tracey, District Department of the Environment</i> |
| 10:10 | 2. | SIP Status: Update
<i>Joan Rohlfs, COG DEP, will provide an update on SIP status.</i> |
| 10:15 | 3. | Attainment Modeling Subcommittee: Update
<i>Tom Ballou, VDEQ, will report on attainment modeling.</i> |
| 10:30 | 4. | Local Government Commitments: Report
<i>Mike Zamore, M-NCPPC, and Jeff King, COG DEP, will report on the recommended bundle of local voluntary measures.</i> |
| 10:45 | 5. | Conformity Subcommittee: Report
<i>Diane Franks, MDE, will report on the activities of the Conformity Subcommittee.</i> |
| 10:55 | 6. | State and Local Air Agency Reports |
| 11:05 | 7. | DC Court of Appeals Ruling on 8-hour Ozone Implementation Rule
<i>Joan Rohlfs, COG/DEP, will discuss the recent DC Court of Appeals ruling on the 8-hour Ozone Phase I Implementation Rule.</i> |
| 11:15 | 8. | Application for Stakeholder Positions
<i>Joan Rohlfs, COG DEP, will discuss the status of stakeholder appointments for 2007.</i> |
| 11:20 | 9. | Emission Inventory and RFP Calculations
<i>Brian Hug, MDE, and Sunil Kumar, COG/DEP, will provide a report on recent revisions to the emissions inventory and RFP calculations.</i> |
| 11:40 | 10. | Contingency Planning: Update
<i>Jeff King, COG/DEP, will provide a report on the status of contingency planning.</i> |
| 11:50 | 11. | Set Date for Next Meeting, Future Agenda Items, Adjourn:
Next TAC Meeting: February 13, 2007 |

**Note: There will be a Contingency Planning Work Session
from 12:30 to 2:00 January 9th in the Training Center.**



Reasonable accommodations are provided for persons with disabilities. Please allow 7 business days to process requests. Phone: 202.962.3300 or 202-962.3213 (TDD). Email: accommodations@mwqog.org. For details: www.mwqog.org.

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**MWAQC Technical Advisory Committee
Meeting Summary
December 8, 2006 10am to 12pm
COG Board Room**

Present:

Tom Biesiadny, Fairfax County Department of Transportation
Tom Ballou, Virginia Department of Environmental Quality
Randy Carroll, Maryland Department of Environment
Bhesh Dhamala, Fairfax County Department of Environmental Services
Deirdre Elvis-Peterson, District 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
Bob Owolabi, Fairfax County Department of Transportation
Pam Parker, Montgomery County Department of Environmental Protection
Jim Ponticello, Virginia Department of Transportation
Mark Rawlings, District of Columbia Department of Transportation
Bill Skrabak, City of Alexandria
Howard Simons, Maryland Department of Transportation
Kanti Srikanth, Virginia Department of Transportation
Stan Tracey, District Department of Environment
Didian Tsongwain, Prince George's County Department of Environmental Resources
Chris Voigt, Virginia Department of Transportation
Flint Webb, Fairfax County Federation of Citizens Associations

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 Rohlfs, COG/DEP
Daivamani Sivasailam, COG/DTP

Observers/Participants:

Charley Baummer, Metropolitan Washington Airports Authority
Julie Crenshaw Van Fleet, AQPAC

1. Call to Order and Review of Meeting Summary (November 17, 2006). Mr. Ballou called the meeting to order at 10:06. The minutes of the November 17, 2006 meeting were approved with no changes.

2. Attainment Modeling: Update

Tom Ballou reported on attainment modeling. He said that Virginia DEQ staff have performed various quality assurance reviews on the most recent modeling results and found an error in the processing of mobile emissions from outside the region for the months of May and June. The error involved applying 2002 emission factors for the 2009 runs. Results of revised 2009 modeling runs with the correct emission factors will be available in January.

3. SIP Schedule

Joan Rohlfs reported on the SIP schedule. The SIP schedule needs to be revised given the recent delays in obtaining final attainment modeling results. In addition, the Ozone Transport Commission is holding a special meeting in early February to make decisions on potential new regional control measures that may need to be factored into the attainment demonstration. The revised schedule will include a draft SIP to MWAQC in March, public hearings in May, and MWAQC approval of the final SIP in May. The deadline for submission to EPA is June 15.

Flint Webb asked whether TAC would have a chance to review the public comments. Joan Rohlfs said that the TAC will review the comments. Tom Ballou said that the short turnaround time is typical compared to planning processes in other regions.

4. Mobile Measures: Benefits in 2008, 2009

Sunil Kumar provided results of recent mobile emissions calculations for 2008 and 2009. Uncontrolled emission scenarios were developed to satisfy the need to report emission benefits of measures in the SIP. Controls were set at 2002 levels and emissions were calculated for 2008 and 2009. Sunil Kumar provided members with a memorandum containing the results.

5. Conformity Subcommittee

Stan Tracey reported on the recent Conformity Subcommittee meeting. At the meeting, members heard a report from DTP staff on a recent notice of intent to sue the Maryland DOT and the Washington region's Metropolitan Planning Organization (TPB) regarding alleged deficiencies in the relevant environmental impact assessments for the Intercounty Connector (see Item 7 below). He also said that efforts are still underway to evaluate potential mobile sector reductions for potential use in the contingency plan for 2010 or 2011 (see Item 9 below). He said that in December the TPB will consider sending a letter to MWAQC regarding inclusion of mobile measures in the SIP (see Item 6 below).

6. Use of Transportation Control Measures (TCMs) and Vehicle-Based Measures in SIP

Mike Clifford discussed a draft letter to MWAQC that will be considered by the TPB in December. The letter requests that TPB be given the opportunity to review all mobile measures proposed for inclusion in the SIP. The letter was drafted in light of a recent COG Board Resolution which included support for local adoption of a variety of measures, some of which involve the transportation sector. TPB and staff want to be able to formally review all mobile measures proposed for inclusion in the SIP to make sure there are no conflicts with measures being included as TERMS in the region's transportation plan.

Tom Biesiadny and Howard Simons asked that staff continue to seek guidance from EPA on the permanency requirement associated with low-emission vehicle purchase commitments. Specifically, does the commitment extend to replacement of the vehicle specified in the original purchase commitment. Jeff King said that EPA has stated that replacements must provide equivalent reductions. He also said that it is possible to substitute measures that are included in the voluntary bundle. In response to a question, Jeff King said that the deadline for submission of local government commitment letters can be extended to the end of January.

7. ICC & Conformity Analysis: Notice of Intent to Commence Civil Action

Mike Clifford reported on a recent notice of intent to sue the Maryland DOT and the Washington region's Metropolitan Planning Organization (TPB) regarding alleged deficiencies in the relevant environmental impact assessments for the Intercounty Connector. The intent to sue notice gives the parties 60 days to correct the alleged deficiencies. The complaint is that the project was included in the CLRP even though MDOT did not conduct a quantitative hotspot analysis for PM_{2.5}. Mike Clifford provided regulatory guidance from EPA related to conducting hotspot evaluation in the absence of an approved EPA model to handle the quantitative analysis. He asserted that only a qualitative assessment was required, as was performed by MDOT. Flint Webb asked about the status of a quantitative model from EPA. Jim Ponticello said that the model is expected to be available in late 2007.

8. CAL LEV and GHG regulations

Jeff King provided a briefing on the CAL LEV II program. The Clean Air Act provides authority for California to adopt more stringent motor vehicle emission standards than those issued by the federal government. It also provides authority for states to opt into California program. The CAL LEV II program contains requirements that are more stringent than the current EPA Tier 2 standards. Manufacturers must be given a 2-year lead time before the standards go into effect. The standards lead to reductions in NO_x, hydrocarbons, toxics, CO, and PM. The 2004 amendments also lead to reductions in carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and hydrofluorocarbons (air conditioner refrigerants). The standards cover light duty vehicles, SUVs, and pickup trucks up to 8,500 pounds Gross Vehicle Weight (GVW). There is a Super Low-emission Vehicle Category and a Zero Emission Vehicle (ZEV) mandate. CAL LEV II will provide no reductions in ozone precursors by 2009. Based on estimates from NESCAUM, under CAL LEV II, VOC and NO_x emissions will be reduced by 8-9 percent by 2018. Joan Rohlfs said that MWAQC will hear a report on CAL LEV II in December. Under the current by-laws, MWAQC does not have authority to act on greenhouse gas policy.

9. SIP Update: Contingency Measures and Local Government Commitments

Jeff King provided an update on contingency measure development and local government commitments. He said staff are still working to develop estimates of emission reductions associated with possible contingency measures. He said that non-road, mobile, and area sources may have reductions that could be used in the contingency plan. Doris McLeod said that she is concerned about the schedule for developing the contingency plan. If reductions will be needed from the mobile sector it is critical to initiate the process soon because of the time required by DTP staff to develop mobile sector emission estimates. Mike Clifford said that only a 2010 analysis is possible, 2011 analyses cannot be completed under the current SIP schedule.

Jeff King said that staff have been working with the National Renewable Energy Laboratory (NREL) to develop protocols to estimate the benefits of energy efficiency and Green Buildings programs. Results of the effort should be available in January. He said the tree canopy workgroup has also been working to develop a draft section for the voluntary bundle. He said there are continuing discussions with local governments, DOTs, and TPB staff on how to handle mobile sector measures in the SIP. He also said that two new programs, a telecommuting and high electricity demand day initiative, have been recently suggested by MDE for further development. Pam Parker reported on a new program in Montgomery County called the Clean Energy Rewards program. The county will provide a rebate to individuals and small businesses that purchase clean energy.

10. Stakeholder Nominations

Joan Rohlfs reminded members that stakeholder nominations are needed for 4 stakeholder positions for 2007. The deadline for submitting nominations to Joan Rohlfs is December 29, 2006.

11. State and Local Air Agency Reports

Stan Tracey reported for the District. He said that the most recent SIP activity is development of the CAIR regulations, as well as the regulations for the OTC model rules.

Diane Franks reported for Maryland. Maryland is now working on developing an abbreviated CAIR SIP, the Healthy Air Act implementation rule, as well as the regulations for the OTC model rules.

Tom Ballou reported for Virginia. He said that the Virginia Air Pollution Control Board recently approved the CAIR regulations, which include a provision that restricts purchasing of allowances/credits to comply with the caps. Virginia is also working on the regulations for the OTC model rules.

Bill Skrabak reported for Alexandria. He said the city is pursuing a nuisance lawsuit against Mirant. He also said that the draft environmental assessment of the DOE order related to the Potomac River Power Plant has recently been released. He said the City Council also recently approved requirements affecting the local asphalt plant.

12. Set Date for Next Meeting, Future Agenda Items, Adjourn: Next TAC Meeting: January 9, 2007.