

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: February 13, 2007

Time: 10 am to 12 pm

Teleconference

Call In Number 1-888-898-8635

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DRAFT Agenda

- 10:00 1. Call to Order and Review of Meeting Summary (January 9, 2007)**
Chairman Stanley Tracey, District Department of the Environment
- 10:10 2. Attainment Modeling Subcommittee: Report**
Tom Ballou, VDEQ, will report on attainment modeling.
- 10:30 3. Contingency Planning: Report**
Jeff King, COG/DEP, will provide a report on the status of contingency planning.
- 10:45 4. Local Government Commitments: Report**
Mike Zamore, M-NCPPC, and Jeff King, COG DEP, will report on the recommended bundle of local voluntary measures.
- 10:55 5. Mobile Measures Analysis and 2010 Mobile Budget: Update**
Mike Clifford, COG DTP, will discuss recent efforts to evaluate potential mobile sector measures for the SIP. He will also discuss TPB's consideration of a proposed 2010 mobile budget.
- 11:10 6. Work Program and Budget**
Joan Rohlfs, COG DEP, will discuss the proposed FY2008 work program and budget.
- 11:20 7. Climate Change Roundtable: Update**
Joan Rohlfs, COG DEP, will discuss the recent climate change roundtable held at COG.
- 11:25 8. DC Court of Appeals Ruling on 8-hour Ozone Implementation Rule**
Joan Rohlfs, COG/DEP, will provide an update on the status of the recent DC Court of Appeals ruling on the 8-hour Ozone Phase I Implementation Rule.
- 11:30 9. Application for Stakeholder Positions**
Joan Rohlfs, COG DEP, will discuss the status of stakeholder appointments for 2007.



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- 11:35 10. Other Business**
- 11:45 11. State and Local Air Agency Reports**
- 11:55 12. Set Date for Next Meeting, Future Agenda Items, Adjourn:
Next TAC Meeting: March 6, 2007**

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**MWAQC Technical Advisory Committee
Meeting Summary
January 9, 2006 10am to 12pm
COG Training Center**

Present:

Tad Aburn, Maryland Department of Environment
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
Diane Franks, Maryland Department of Environment
Barbara Hardy, Fairfax County Department of Environmental Services
Brian Hug, Maryland Department of Environment
Maurice Keys, District of Columbia Department of Transportation
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
Howard Simons, Maryland Department of Transportation
Kanti Srikanth, Virginia Department of Transportation
Ram Tangirala, 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
Carl Winstead, Fairfax County Department of Transportation
Mike Zamore, Maryland-National Capital Park and Planning Commission

Staff:

Mike Clifford, COG/DTP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Erin Morrow, COG/DTP
Joan Rohlf, COG/DEP
Daivamani Sivasailam, COG/DTP

Observers/Participants:

Julie Crenshaw Van Fleet, AQPAC
Candice Gay, U.S. DoD Regional Environmental Coordinator Office

1. Call to Order and Review of Meeting Summary (December 8, 2006). Mr. Tangirala called the meeting to order at 10:00. The minutes of the December 8, 2006 meeting were approved with one change. Jim Ponticello asked that the minutes be edited to state that he said EPA stated that the final EPA MOVES model would be released in late 2006, but it is likely to be released later than anticipated.

Ram Tangirala recognized the past chairs of MWAQC TAC Jim Sydnor and Tad Aburn, and presented plaques of appreciation from the MWAQC Chair Nancy Floreen.

2. SIP Status: Update

Joan Rohlfs provided an update on the status of the 8-hour ozone SIP. A draft SIP was circulated in November for comment. There are additional changes pending based on handling of items that were missing from the November draft, including certain inventory calculations and a contingency plan. Additional comments on the draft SIP can be provided to COG staff. Due to delays in attainment modeling and the associated impact on the SIP schedule, the deadline for receipt of local government commitment letters was extended until the end of January. Attainment modeling results and weight-of-evidence analyses are also pending. MARAMA is holding a weight-of-evidence workshop in February. The OTC may also select additional measures in February or March. A revised draft SIP will be completed by mid-February. The current schedule has MWAQC approving the draft SIP for public comment on March 15, 2007.

3. Attainment Modeling Subcommittee: Update

Tom Ballou reported on attainment modeling. A review of the modeling results from October 2006 indicated an error in processing mobile emissions. The error was corrected and revised modeling results were presented. The region is now back within the weight-of-evidence range, with two monitors (Fairfax and Arlington) having predicted design values between 85 and 86 ppb.

In response to a question from Kanti Srikanth, Tom Ballou said that the OTB/OTW controls are predicted to lower the future design values by 10-12 percent. The BOTW runs have not yet been completed. The next modeling runs will reflect some state-specific reductions and any other additional control measures that need to be incorporated. He asked for input to the final modeling run as soon as possible.

Flint Webb expressed concern about modeling assumptions for upwind states. Tom Ballou said that upwind states not in the OTR were assumed to only have the required federal controls.

Ram Tangirala asked that the modeling inventories be provided for DC DOE staff review. He suggested that an Attainment Modeling Subcommittee meeting be convened to review the final modeling inputs. Kanti Srikanth asked that information on what is being added to the final modeling runs be provided prior to the next MWAQC meeting.

4. Local Government Commitments: Report

Mike Zamore and Jeff King reported on the recommended bundle of local voluntary measures. The Local Government Subcommittee recently met to review the draft bundle writeup for the SIP. Members were asked to provide any data noted in placeholders. The goal is to fill any data gaps and complete the draft bundle writeup for TAC review in February. The subcommittee

members were provided a table showing the slate of measures being considered for inclusion in the bundle.

The subcommittee discussed the TPB request to review any transportation source measure for the SIP. It was agreed that the list of mobile measures being considered for inclusion in the SIP be transmitted to TPB as requested. Commitment letters are still pending. Staff are available to assist with any remaining issues regarding final commitment letters.

The subcommittee heard a briefing from invited speakers, Debra Jacobson, and Gary Allen. Debra has been providing some technical support on energy efficiency and renewable energy measures. Gary Allen has been providing technical support for development of a new program on urban heat island mitigation and tree canopy management. The National Renewable Energy Laboratory (NREL) has also been assisting with evaluation of building efficiency programs.

Ram Tangirala asked staff to arrange a call to resolve any remaining issues with the DC RPS analysis. Maurice Keys said that the data on LED traffic signals for the District are pending. Kanti Srikanth asked that the Loudoun County information for LED traffic signals retrofits be left blank and a footnote should be added referring to the VDOT retrofit estimates. For diesel retrofits, he asked that the type of retrofit be specified. Barbara Hardy asked that the Fairfax County fire truck retrofit estimate be reduced to 50. Howard Simons asked that the type of low-emission vehicle be specified.

Jim Ponticello asked if a decision on handling of the mobile measures in the SIP has been made. Jeff King said that local governments wanted information provided on issues related to placement of mobile measures and on emission benefits prior to making final recommendations. Joan Rohlf provided a memo that explains issues related to placing mobile measures in the SIP or TIP, as requested by Bill Skrabak. Jeff King said that staff are working with COG DTP staff to develop emission reduction estimates. Daivamani Sivasailam said that the issue will be on the agenda of the TPB's Travel Management Subcommittee in January.

5. Conformity Subcommittee: Report

Diane Franks reported on the activities of the Conformity Subcommittee. Members heard a report on the TPB Technical Committee meeting. TPB has proposed a number of projects in the UPWP that could affect future SIPs. The number of traffic analysis zones may be increased, there will be additional traffic counts performed, and the household travel survey has been initiated. TPB also has sent a request to MWAQC for information on possible mobile measures for the SIP. The subcommittee agreed to recommend a letter response to TPB, including a list of all measures proposed for inclusion in the voluntary bundle.

The subcommittee also discussed contingency planning. There is a proposal being considered to use mobile sector reductions between 2009 and 2010 as contingency, but this would require that a new lower mobile budget be established. Before reaching agreement, the TPB wants information on whether a full inventory is required, whether the lower budget can be triggered, the total contribution required, and that it be handled on a fair share concept. Brian Hug said that he is working with EPA Region III to develop a trigger mechanism. Kanti Srikanth said that the issue will need to be brought to the TPB for their consideration and action.

6. DC Court of Appeals Ruling on 8-hour Ozone Implementation Rule

Joan Rohlfs said that on December 22nd, the DC Court of Appeals vacated EPA's 8-hour Ozone Phase I Implementation Rule. Staff have contacted EPA Region III for information on the implications for the DC region and haven't received a response. One area of possible impact is NSR. When designated Severe nonattainment, the region lowered its NSR threshold to 25 tpy. The thresholds for Moderate areas are higher (100 tpy). The court decision may impact allowable NSR due to concerns about backsliding. Another area to consider is Section 185 penalty provisions. Joan Rohlfs said that this may not be an issue for the DC region because the region attained the 1-hour standard. Ram Tangirala said that the District is concerned about the Section 185 provision because the region didn't attain the standard by the time the standard was revoked. Flint Webb asked if there were any issues with the General Conformity thresholds. Brian Hug said that it wasn't part of the Phase I rule. Brian Hug said the region must continue with SIP development.

7. State and Local Air Agency Reports

Diane Franks reported for Maryland. She said the Healthy Air Act implementation rule passed the Advisory Council. The AELR committee will consider as an emergency regulation which will, if passed, be effective for 6 months. MDE will continue to develop the permanent regulation. Phase II of the Consumer Products and PFC rules were also passed by the Advisory Council. Diane Franks said that Queen Anne's County was re-designated as attaining the 8-hour ozone standard so a maintenance plan will be prepared. Maryland will be holding hearings on the Transportation Conformity regulation and SIP.

Tom Ballou reported for Virginia. The Virginia Air Pollution Control Board will meet to discuss CAMR rule and the OTC Phase II rules. Mirant will also present information on their Intent to Sue notice regarding Virginia CAIR's provisions prohibiting allowance trading as it relates to the Potomac River Power Plant.

Deirdre Elvis-Peterson reported for the District. The District Department of the Environment sent a letter to the TAC Chair requesting that emission reduction credits associated with the District's OTC VOC rules be withheld from credit in the SIP. She said that the OTC Phase II rules and the Conformity SIP are current priorities. The District may also adopt the CAL LEV II standards.

Barbara Hardy reported for Fairfax. She said that the current priority is to complete the commitment letter for the SIP.

Mike Clifford asked that any Conformity SIP documents be made available to him for review.

8. Application for Stakeholder Positions

Joan Rohlfs discussed the status of stakeholder appointments for 2007. The MWAQC bylaws change in 2004 created four nonvoting stakeholder positions. Four stakeholders were appointed and served in 2005 and were reappointed in 2006. For the 2007 positions, only three applications have been received to date. The applicants are: Flint Webb, of the Fairfax Federation of Citizens Associations; Candice Gay, Department of Defense Regional Environmental Coordinators Office; and Bob Stroik, National Park Service. The deadline is being extended to try to identify additional candidates. Stan Tracey will make appointments in February.

9. Emission Inventory and RFP Calculations

Brian Hug and Sunil Kumar provided a report on recent revisions to the emissions inventory and RFP calculations. Last month staff revised the portable fuel container emissions estimates in response to a request from Virginia DEQ to use a different methodology for Virginia. This change also affected the RFP calculations. Sunil Kumar provided a memorandum with the relevant information on the impact of the changes.

Kanti Srikanth asked if emission reduction credits for the District were included. Joan Rohlf said that staff had not yet received a formal written request so additional work needs to be performed to respond to the District's request. Sunil Kumar proposed an Emission Inventory call be convened to discuss next steps on emission inventory development. In response to a question from Jim Ponticello, Ram Tangirala said that the District's request does not affect non-road emissions.

10. Contingency Planning: Update

Jeff King provided a report on the status of contingency planning. He said that various scenarios are being evaluated to meet the attainment contingency requirement. The leading candidates for measures to include in the plan are PFC and non-road reductions, mobile sector reductions, and potentially Healthy Air Act reductions in 2012. He provided a set of scenarios comparing the anticipated reductions from these measures to the target levels needed in the contingency plan. He said that there will be a contingency work session to discuss which measures to select for the contingency plan.

12. Set Date for Next Meeting, Future Agenda Items, Adjourn: Next TAC Meeting: February 13, 2007.