

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: November 17, 2008

Time: 10 am to 12 pm

TELECONFERENCE

Call In Number: 1-888-898-8635

Passcode: 774715

DRAFT Agenda

- 10:00 1. Call to Order and Review of Meeting Summary (September 9, 2008)**
Chairman Diane Franks, Maryland Department of the Environment
- 10:10 2. Ozone Season Summary**
Sunil Kumar, COG DEP, will present the ozone season summary.
- 10:20 3. COG Climate Change Report**
Joan Rohlfs, COG DEP, will discuss the COG Climate Change Report.
- 10:35 4. PM_{2.5} Clean Data Determination**
Joan Rohlfs, COG DEP, will discuss the recent proposed Clean Data Determination. Doris McLeod, Virginia DEQ, will discuss recent PM planning activities.
- 10:50 5. EERE in Utility Energy Planning and SIPs**
Jeff King, COG DEP, will discuss the status of efforts to include EERE benefits from state/utility planning in upcoming SIPs.
- 11:10 6. Conformity Analysis**
Mike Clifford, COG DTP, will provide an update on the conformity determination for the 2008 CLRP and 2009-2014 TIP.
- 11:25 7. Nonroad Diesel Retrofit Project**
Joan Rohlfs, COG DEP, will discuss a new EPA funded nonroad diesel retrofit project in the metropolitan Washington region.
- 11:40 8. Other Business**
- 11:45 9. State and Local Air Agency Report**
- 11:55 10. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: December 2, 2008



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**MWAQC Technical Advisory Committee
Meeting Summary
September 9, 2008 10am to 12pm
Teleconference**

Present:

Elizabeth Aiken, Virginia Department of the Environmental Quality
Tom Biesiadny, Fairfax County Department of Transportation
Monica Backmon, Prince William County
Tom Ballou, Virginia Department of the Environmental Quality
Jessica Daniels, District Department of Environment
Bhesh Dhamala, Fairfax County Department of Health
Candice Gay Hall, Department of Defense REC Region III
Diane Franks, Maryland Department of Environment
John 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 Environment
Jim Ponticello, Virginia Department of Transportation
Mark Rawlings, District Department of Transportation
Walt Seedlock, Metropolitan Washington Airports Authority
Howard Simons, Maryland Department of Transportation
Khoa Tran, Alexandria Department of Environmental Quality
Chris Voigt, Virginia Department of Transportation
Flint Webb, Fairfax Federation of Citizens Association

Staff:

Mike Clifford, COG/DTP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Erin Morrow, COG/DTP
Eulalie Lucas, COG/DTP
Jane Posey, COG/DTP
Daivamani Sivasailam, CPG/DTP

Observers/Participants:

Charley Baummer, MWAA
Julie Crenshaw Van Fleet, AQPAC

1. Call to Order and Review of Meeting Summary (September 9, 2008). Ms. Franks called the meeting to order at 10:03. The minutes of the September 9, 2008 meeting were approved with a no changes.

2. Ozone Season Summary

Sunil Kumar presented the ozone season summary. To date, there have been 3 code red, 13 code orange, and 51 code yellow days. He reviewed the days with the highest 8-hour ozone levels. On July 17, 15 monitors exceeded the standard, the highest concentration was 112 ppb. On June 12, 13 monitors exceeded the standard, the highest concentration was 102 ppb. On July 18, 13 monitors exceeded the standard, the highest concentration was 97 ppb. On June 12 and July 17, back trajectories showed that pollution transport was from the northwest. On July 18, a recirculation pattern occurred with transport from the south. There were 3 days with exceedances of the new daily PM standard of 35 ug/m³ on June 14, July 18, and July 29.

In response to a question from Jim Ponticello, Sunil Kumar said that the Design Value is based on a 3-year average. The 2008 exceedance data are based on TEOM monitors, the official design value calculations will be based on FRM monitors. The region is still showing attainment with both the 1997 and 2006 PM standards. In response to a question from Julie Crenshaw Van Fleet, Sunil Kumar said that the three days in 2008 that exceeded the 2006 PM daily standard are not presented as code orange days because EPA has not yet adjusted the AQI to reflect the new lower standard.

Doris McLeod said that Virginia DEQ will be investigating the possible PM exceedances as exceptional events due to wildfires south of the region. Diane Franks said that the days should be called possible exceedance days because the data are not based on the official FRM monitors. John Kinsman said that the pending EPA designations for the 2006 PM standard will not be based on 2008 monitor data.

3. CAIR Vacatur: Update; and 4. PM_{2.5} Clean Data Policy/Redesignation Request

Joan Rohlf's and Sunil Kumar discussed potential impacts of the CAIR vacatur on regional air quality planning. Sunil Kumar presented a memorandum showing the emission reduction credits taken in the ozone and PM SIPs that may be invalidated because of the CAIR vacatur. NO_x reductions in 2009 in DC and Virginia and SO₂ reductions in Virginia in 2010 rely on CAIR. RFP contingency, 2009 attainment, and 2010 attainment contingency reductions are all affected. The SIPs would need to be revised and substitute measures (e.g., NO_x SIP call) will be needed.

Joan Rohlf's discussed various considerations and options for responding to the CAIR vacatur. If the SIPs are deemed incomplete or are disapproved without a protective finding for the mobile budgets, the region could face a conformity freeze. EPA may be able to take action on the base year inventory and RFP portion of the ozone SIP. For the attainment plan in the ozone SIP, states that rescinded the NO_x SIP call need to reinstate the rule in order to provide a substitute measure for 2009 ozone season reductions that are linked to CAIR in the SIP. The ozone SIP could then be revised to remove reference to CAIR and link reductions to the NO_x SIP call. The NO_x SIP call doesn't resolve the non-ozone season NO_x reductions credited in the PM SIP. As such, it may be prudent to request a clean data request to EPA so that the PM SIP planning requirements are suspended and the risk of a conformity freeze is mitigated. Future options for the PM SIP planning process would then involve either a redesignation request or a revised SIP once an adequate substitute for CAIR is identified. Staff recommended a clean data request for the PM SIP and initiating efforts to revise the ozone SIP to remove references to CAIR and substitute the NO_x SIP Call.

The possibility of a redesignation request/maintenance plan was discussed. Transportation agency representatives expressed strong concern that the outyear mobile budgets in a maintenance plan could pose a significant challenge to the region given that future direct PM emissions are anticipated to increase. It will be important to get additional guidance from EPA about establishing a safety margin for outyear PM_{2.5}-direct emissions budgets. Maryland and the District do not support submitting a redesignation request for the 1997 PM_{2.5} standards at this time because the states are involved with

litigation arguing that EPA set the annual PM_{2.5} standard at a level that is not sufficiently protective of public health. Maryland and the District would support a clean data determination. Members agreed that the SIP planning options memorandum should be presented to MWAQC for consideration and potential action.

5. PM_{2.5} Designation Letters

Jeff King presented the PM_{2.5} designation recommendation letters from the states as well as the EPA responses. On August 19, 2008, EPA has proposed that the region be designated as attainment with the 2006 PM_{2.5} NAAQS. EPA will accept public comments on the proposed designations and will take final action by December 2008.

6. COG Climate Change Report: MWAQC Comments

Jeff King discussed the COG Climate Change Report and presented a draft MWAQC comment letter. Members asked that the letter be revised to give a sense of urgency for early action and to reduce the impact of cumulative emissions. Members also suggested that a public education and outreach will be critical component of any plan to reduce emissions of greenhouse gases. Finally, members said that COG should develop strong advocacy positions that solicit the support of the federal government in providing for the research, development, and market commercialization of technologies needed to reduce emissions, such as clean vehicles and alternative fuels.

7. Conformity Update

Mike Clifford provided an update on the conformity determination for the 2008 CLRP and 2009-2014 TIP. He said that the analysis was revised to address the issue of loss of funding from the Northern Virginia Transportation Authority for certain projects in the TIP. Those projects were removed from the analysis and a revised report is being prepared for review in the next month. The results will be presented at the October 3, 2008 TPB meeting.

8. Other Business

Mike Clifford thanked the state air agencies for assistance in obtaining the updated vehicle registration data.

Howard Simons asked about the benefits of the new small engine rule. Sunil Kumar and Brian Hug said that it's a new rule so emission reduction credits won't be applicable until the next SIP. In addition, staff will need the new Nonroad Model to estimate benefits.

9. State and Local Air Agency Report

There were no state and local air agency reports.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn: Next TAC Meeting: November 17, 2008