

Metropolitan Washington Air Quality Committee

Suite 300, 777 North Capitol Street, N.E. , Washington, D.C. 20002-4290 202-962-3358 . Fax: 202-962-3203

TECHNICAL ADVISORY COMMITTEE

Date: December 9, 2008

Time: 10 am to 12 pm

COG Board Room, 3rd Floor

Lunch will be served to members at noon.

DRAFT Agenda

-
- 10:00 1. Call to Order and Review of Meeting Summary (November 17, 2008)**
Chairman Diane Franks, Maryland Department of the Environment
- 10:10 2. EPA 2006 PM_{2.5} Daily Standard Designations**
Joan Rohlf, COG DEP, will discuss pending attainment designations for the 2006 PM_{2.5} daily standard. EPA staff will discuss the current designation process and associated supporting analyses.
- 10:55 3. State Recommendations for Area Designations for the 2008 8-hour Ozone Standard**
State air agency representatives will discuss planning for area designation recommendations for the 2008 8-hour ozone standard.
- 11:10 4. Draft Work Scope and Schedule for Air Quality Conformity Analysis of the 2009 CLRP and FY2010-2015 TIP**
Jane Posey, COG DTP, will discuss work scope, planning milestones, and other inputs for conformity.
- 11:25 5. National Association of Clean Air Agencies (NACAA) Comments on EPA's ANPR for Greenhouse Gases**
Cecily Beall, DDOE, will discuss NACAA's comments on EPA's ANPR for Regulating Greenhouse Gases.
- 11:40 6. Other Business**
- 11:45 7. State and Local Air Agency Report**
- 11:55 8. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: January 13, 2009



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@mwkog.org. For details: www.mwkog.org.

DRAFT

**MWAQC Technical Advisory Committee
Meeting Summary
November 17, 2008 10am to 12pm
Teleconference**

Present:

Elizabeth Aiken, Virginia Department of the Environmental Quality
Cecily Beall, District Department of Environment
Monica Backmon, Prince William County
Tom Ballou, Virginia Department of the Environmental Quality
Randy Carroll, Maryland Department of Environment
Jessica Daniels, District Department of Environment
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
Walt Seedlock, Metropolitan Washington Airports Authority
Howard Simons, Maryland Department of Transportation
Roger Thunell, Maryland Department of Environment
Didian Tsongwain, Prince George's County Department of Environmental Resources
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
Joan Rohlf, COG/DEP

Observers/Participants:

Charley Baummer, MWAA
Julie Crenshaw Van Fleet, AQPAC
Ronald Mitchell

1. Call to Order and Review of Meeting Summary (September 9, 2008). Ms. Franks called the meeting to order at 10:04. 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, 14 code orange, and 55 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. There were 3 days with potential exceedances of the new daily PM standard of 35 ug/m³ on June 14, July 18, and July 29. 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. Staff agreed to revise the slides based on feedback from members.

3. PM_{2.5} Clean Data Determination

Joan Rohlfis discussed the recent proposed Clean Data Determination. On October 22, EPA proposed a clean data determination for the metropolitan Washington region. If the proposal is finalized, SIP planning requirements for the PM_{2.5} annual standard will be suspended. The next step would be to revise the SIP or request redesignation and prepare a maintenance plan. The region must still comply with the interim conformity test until new mobile budgets are found adequate.

Doris McLeod discussed recent PM planning activities and presented a memorandum summarizing EPA responses to a set of questions. The questions were: would 2010 and 2020 be acceptable interim and out years; how would a Mobile Source Budgets be handled for PM_{2.5}; and how can the area demonstrate compliance with current maintenance plan requirements that mandate the area's total emissions of PM_{2.5} in interim and out years remain beneath the total emission rate for PM_{2.5} in the attainment year? Doris also discussed the need for new measures to assure continued compliance with the NAAQS.

EPA responded that the planning milestone years are not optimal since 2010 is not really close to the center of the 10 year maintenance time frame (2010-2020). Also, it would not be feasible to create a plan and submit it soon enough to get it approved by January, 2010. The possible solution considered is to develop inventories for 2015 and 2025.

With regard to mobile budgets for PM_{2.5}, EPA suggested that that language in the conformity rule (93.109(k)) be used to justify not including a PM_{2.5} mobile source budget. Doris McLeod said she reviewed how West Virginia performed this analysis/justification, and suggested that the DC area could use the same type of rationale. Another solution would be to develop modeling to establish a DC-specific mobile source trading analysis for mobile PM, mobile NO_x, and mobile SO₂. This modeling effort would be extensive, and expensive.

There was no immediate answer for the question of how the area demonstrates compliance with current maintenance plan requirements that mandate the area's total emissions of PM_{2.5} in interim and out years remain beneath the total emission rate for PM_{2.5} in the attainment year.

EPA Region III is working with headquarters to develop a recommendation. Some of the initial suggestions are to use NSR offset thresholds (200 to 1 for NOx and 40 to 1 for SO₂) or perform modeling to develop area specific ratios.

Doris McLeod said that VDEQ may support additional measures in the maintenance plan to assure future year compliance with the 1997 standard, such as the continued requirement for LAER past redesignation to attainment or rules/board policies dealing with distributed generation, if needed.

4. COG Climate Change Report

Joan Rohlf's discussed the COG Climate Change Report. The COG Board approved the final National Capital Region Climate Change Report on November 12. She provided a COG press release. The Climate Change Steering Committee has been extended through March 2009 to develop a work program and to follow-up on the report recommendations.

5. EERE in Utility Energy Planning and SIPs

Jeff King discussed the status of efforts to include EERE benefits from state/utility planning in upcoming SIPs. He said the local governments have agreed to include EERE projects in future SIPs as either part of the voluntary bundle or weight of evidence. A new emission benefit calculator has been developed that will also now include CO₂ as well as NOx and SO₂. Staff convened a call with state air agency representatives to discuss how to handle state-funded EERE projects currently being developed by the utilities and public service commissions. Initial recommendations are to account for state-level energy efficiency programs in the emission inventory projections for future SIPs.

6. Conformity Analysis

Mike Clifford provided an update on the conformity determination for the 2008 CLRP and 2009-2014 TIP. This is the second attempt to demonstrate conformity this year. The first attempt in July failed because of issues with Northern Virginia Transportation Commission funding. A contingency work program was approved that involved removing certain projects affected by the funding situation from the analysis. There were slight changes to travel demand and emissions as a result of the revised analysis. The demonstration meets all the conformity criteria. TPB staff are now working on the first phases of the conformity demonstration for next year.

7. Nonroad Diesel Retrofit Project

Joan Rohlf's discussed a new EPA funded nonroad diesel retrofit project in the metropolitan Washington region. EPA announced availability of funds to retrofit diesel equipment. COG, in collaboration with the Maryland Highway Contractors Association and Maryland Department of the Environment (MDE) submitted a project proposal that was approved and funded. The project involves engine replacements, engine repowers, and engine retrofits of heavy duty diesel construction equipment used on highway projects in the region. COG has issued a request for qualifications for vendors to handle the retrofit work on the equipment. Responses are due by December 12.

8. Other Business

Sunil Kumar discussed the recent emission inventory conference held by MARAMA and provided information about the new EPA MOVES model. The new model will generate both on-road and non-road emission estimates. The tool also has the ability to model hotspots and generate what-if scenarios. He said that the emission factors have changed. He said that the PM factor is higher, and NO_x and VOC are lower. The model also is based on driving cycle and not speeds and I/M benefits are simplified. Mobile6 input data will need to be transferred. Kanti Srikanth asked that this topic be explored further at future meetings given the potential impacts on conformity.

Diane Franks said that the U.S. Court of Appeals has asked the petitioners for briefs on whether they support a vacatur of CAIR.

9. State and Local Air Agency Report

Tom Ballou reported for Virginia. The public comment period on the opacity standard has closed. DEQ is currently reviewing the comments and formulating a response. Action is expected in December. The Air Board met on October. The state conformity regulations were finalized and the OTC model rule VOC regulations were proposed. The Climate Commission met on November 13 to consider recommendations. Virginia is pursuing a solution to the CAIR vacatur, focusing on developing a federally enforceable approach to limiting emissions from power plants in the absence of CAIR.

Cecily Beall reported for the District. The OTC VOC regulations are being revised. Permit fees are being increased. A contractor has been hired to assist with a Climate Action and Sustainability Plan. The mayor wants to announce the plan by Earth Day 2009. A series of public meetings will be held starting in December.

Diane Franks reported for Maryland. The OTC VOC rules in Maryland are final. Roofers have asked for concessions on the adhesives/sealants rule. Maryland is considering whether to grant their petition for a 3-year compliance date extension to accommodate the need for products and operator training. The Distributed Generation Rule has been proposed, public hearings will be held soon. The regional haze SIP will be completed within the next few months.

Pam Parker reported for Montgomery County. A sustainability workgroup has been formed. One of the tasks of workgroup is to develop a climate action plan. Subcommittees include transportation and residential/commercial energy. The Council asked for definitive recommendations by January 15.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn: The next TAC meeting will be held on December 9, 2008. The meeting was adjourned at 11:50am.