

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: April 14, 2009

Time: 10 am to 12 pm

TELECONFERENCE

Call In Number: 1-888-898-8635

Passcode: 774715

DRAFT Agenda

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- 10:00 1. Call to Order and Review of Meeting Summary (March 10, 2009)**
Chairman Tom Ballou, Virginia Department of Environmental Quality
- 10:10 2. Status of PM2.5 and Ozone SIP Submittals**
State air agency representatives will discuss the status of the PM 2.5 and ozone SIP submittals.
- 10:30 3. EPA Review of Ozone NAAQS**
Joan Rohlfs, COG DEP, will discuss EPA's announcement of a review of the recently promulgated 8-hour ozone NAAQS and implications for SIP planning in the Washington region.
- 10:40 4. EPA Endangerment Finding for Greenhouse Gases**
Jeff King, COG DEP, will discuss a possible EPA Clean Air Act endangerment finding for greenhouse gases.
- 10:50 5. Diesel Emission Reduction Act (DERA) Funding**
Joan Rohlfs, COG DEP, will discuss potential projects for funding under DERA.
- 11:15 6. Benefits of Energy Efficiency Programs in the National Capital Region**
Jeff King, COG DEP, will present preliminary results of efforts to document the environmental benefits of energy efficiency projects in the region.
- 11:25 7. Ozone Season Forecasting**
Jen Desimone, COG DEP, will discuss ozone season forecasting.
- 11:35 8. Other Business**
-- MOVES Model
-- Ozone Transport Commission Multipollutant Framework
-- Air Toxics Monitoring in Schools
- 11:45 9. State and Local Air Agency Report**
- 11:55 10. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: May 12, 2009



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**MWAQC Technical Advisory Committee
Meeting Summary
March 10, 2009 10am to 12pm
COG Board Room 3rd Floor**

Present:

Elizabeth Aiken, Virginia Department of the Environmental Quality
Monica Backmon, Prince William County
Tom Ballou, Virginia Department of the Environmental Quality
Cecily Beall, District Department of Environment
Tom Biesiadny, Fairfax County Department of Transportation
Randy Carroll, Maryland Department of Environment
Jessica Daniels, District Department of Environment
Bhesh Dhamala, Fairfax County Department of Health
Diane Franks, Maryland Department of Environment
Candice Hall, U.S. Navy, DoD Regional Environmental Coordinators Office Region III
Brian Hug, Maryland Department of Environment
Maurice Keys, District Department of Transportation
John Kinsman, Edison Electric Institute
Sonya Lewis-Cheatham, Virginia Department of the Environmental Quality
Doris McLeod, Virginia Department of the Environmental Quality
Bob Owolabi, Fairfax County Department of Transportation
Pam Parker, Montgomery County Department of Environment
Jim Ponticello, Virginia Department of Transportation
Ana Prados, Fairfax Federation of Citizens Associations (by teleconference)
Walt Seedlock, Metropolitan Washington Airports Authority
Howard Simons, Maryland Department of Transportation
Chris Voigt, Virginia Department of Transportation

Staff:

Mike Clifford, COG/DTP
Stuart Freudberg, COG/DEP
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, MWAA
Leal Boyd, U.S. DoD Regional Environmental Coordinators Office
Julie Crenshaw Van Fleet, AQPAC

1. Call to Order and Review of Meeting Summary (February 17, 2009). Ms. Franks called the meeting to order at 10:08. The minutes of the February 17, 2009 meeting were approved with no changes.

2. Court Decision on 2006 Annual PM2.5 NAAQS

Joan Rohlf discussed a recent court decision where the U.S. Court of Appeals recently remanded the 2006 annual PM2.5 NAAQS back to EPA. The court found that EPA did not adequately explain why the standard of 15 ug/m³ is sufficiently protective of public health with an adequate margin of safety. The standard was not vacated so remains in force. It is not clear how the court remand will affect EPA's process of reviewing and establishing the PM NAAQS which is half way through the current mandatory 5-year review cycle. EPA recently released its science assessment for public review. MWAQC decided to submit a SIP for the 1997 PM2.5 NAAQS of 15 ug/m³ even though the region's monitors are showing compliance with the standard.

3. Status of SIP Commitments for May 1, 2009

State air agencies discussed the status of commitments to implement certain regulatory programs included in the ozone and fine particle SIPs. Maryland has completed its CAIR regulation and the OTC VOC rules. Maryland passed an emergency regulation to provide a temporary exemption from the industrial adhesives and sealants rule for rubber roofing products. Maryland is also revising its RACT rules for consistency and is working to adopt a non-EGU CAIR rule. The District is in the process of adopting its CAIR and OTC VOC rules. Virginia has adopted its CAIR rule, but will not be able to adopt certain OTC VOC rules (Consumer Products Phase II, Portable Fuel Containers Phase II, and Industrial Adhesives and Sealants) before the May 1, 2009 start of the ozone season.

4. Results of Local Government Initiatives Annual Reporting

Jeff King discussed the results of annual reporting on the local voluntary bundle commitments. Staff have collected annual reports of progress in implementing local voluntary commitments, including energy efficiency, green power purchases, and tree canopy programs. Overall, the region is on track in meeting its commitments in the voluntary bundle. One outstanding item is for states to retire NO_x allowances commensurate with the emission reduction credits for renewable energy and energy efficiency measures.

5. Updated Estimates of Mobile Emissions

Eulalie Lucas discussed revised estimates of CO₂ emissions from mobile sources in the region. Staff are now estimating mobile source emissions of methane and nitrous oxide in addition to carbon dioxide. The revised emissions are based on the 2008 CLRP and FY 2009-2014 TIP, Version 2.2 of the Travel Demand Model, and Round 7.1 Cooperative Forecasts. Compared to the initial estimates of greenhouse gas emissions from mobile sources, the revised emissions are 1% lower in 2002, 3.4% lower in 2010, and 4.9% lower in 2030. VMT estimates were lower for all analysis years, as a result of changes to the Travel Demand Model and Cooperative Forecasts. Modeled VMT is now more comparable to VMT estimates based on HPMS data. In response to questions, Mike Clifford said that staff have not yet analyzed the potential impact of a transition to EPA's new MOVES model. Sonya Lewis-Cheatham said that she will send staff a copy of a presentation given by NACAA regarding the MOVES model and its potential impact on emissions.

6. Status of Funding for Fairfax County Air Quality Monitoring Sites

Tom Ballou discussed issues related to funding and operation of air quality monitoring sites in Fairfax County. The proposed Fairfax County budget includes elimination of funding for the Fairfax County operated air quality monitors. A public hearing on the proposal will be held on March 30, 31, and April 1. The monitors are used to track concentrations of ozone and fine particles.

Julie Crenshaw Van Fleet said that it is important that the public be informed of this issue. These monitors are widely used by the public for information about air quality in their locality. Tom Ballou said that separate from the local decisions about funding, in 2009 Virginia must conduct a periodic review of the statewide monitoring system, including the Fairfax County monitors, to determine the adequacy of the network. Sunil Kumar said that the Mt Vernon monitor is one of the Design Value monitors for the region so cannot be eliminated.

7. Diesel Emission Reduction Act (DERA) Funding

Joan Rohlf's discussed funding opportunities for diesel emission reduction projects. The recent stimulus package contains significant new grant funding for diesel emission reduction projects. EPA will issue the request for applications in March. Proposals will be due in April. Awards will be made in May. Projects must be completed by September 2010.

8. Other Business

Joan Rohlf's presented the proposed FY 2009 MWAQC Work Program and Budget. Members agreed unanimously to recommend the Work Program and Budget to MWAQC for approval.

Virginia DEQ has submitted an exceptional events package to EPA asserting that several days of high pollution levels recorded at monitors throughout Virginia were impacted by large forest fires in North Carolina and the Great Dismal Swamp. If approved, the action will affect Design Value concentration calculations in Loudoun County.

Joan Rohlf's referred members to a USA Today report on air toxics monitoring at schools.

9. State and Local Air Agency Report

Tom Ballou reported for Virginia. The next meeting of the State Air Pollution Control Board is scheduled for April 24.

Cecily Beall reported for the District. Regulatory priorities include CAIR and the OTC VOC rules. Ozone designation letters are due this week. Other priorities include applying for stimulus grants, clean diesel grants, the Green DC agenda, and the Sustainability Plan, including a Climate Action Plan and greenhouse gas inventory.

Diane Franks reported for Maryland. Staff are responding to comments on the Distributed Generation rule. Other regulatory priorities include CAIR non-EGU rule and more stringent opacity regulations. The ozone designation letter is pending.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn: The next meeting will be held on April 14, 2009. The meeting was adjourned at noon.