

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: February 9, 2010

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 (January 12, 2010)**
Chairman Cecily Beall, District Department of Environment
- 10:10 2. Final NO₂ NAAQS Rule**
Joan Rohlfs, COG DEP, will discuss EPA's final NAAQS for NO₂.
- 10:25 3. Comments Submitted at Public Hearing on Proposed Ozone Standard**
Sunil Kumar, COG/DEP, will discuss comments submitted at the Public Hearing on the Proposed Ozone Standard in Arlington, Virginia.
- 10:45 4. Proposed New National Measures to Improve Air Quality**
Jeff King, COG DEP, will discuss new national measures proposed by OTC for implementation to assist the region in meeting its air quality goals.
- 11:00 5. MWAQC Work Program and Budget for 2011**
Joan Rohlfs, COG DEP, will discuss the proposed MWAQC work program and budget for 2011.
- 11:15 6. MOVES Transition Team**
Sunil Kumar, COG DEP will provide an update on the transition to the MOVES model.
- 11:30 7. Other Business**
Stakeholder Appointments
Update on CEEPC
- 11:45 8. State and Local Air Agency Reports**
- 11:55 9. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: March 9, 2010



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**MWAQC Technical Advisory Committee
Meeting Summary
January 12, 2009 10am to Noon
Teleconference**

Present:

Elizabeth Aiken, Virginia Department of Environmental Quality
Monica Backmon, Prince William County
Cecily Beall, District Department of Environment
Tom Ballou, Virginia Department of Environmental Quality
Randy Carroll, Maryland Department of Environment
Otto Clemente, Fairfax County Department of Transportation
Barbara Hardy, Fairfax County Department of Health
Brian Hug, Maryland Department of Environment
Doris McLeod, Virginia Department of Environmental Quality
Pam Parker, Montgomery County Department of Environment
Jim Ponticello, Virginia Department of Transportation
Ana Prados, Fairfax County Federation of Citizen's Associations
Walt Seedlock, Metropolitan Washington Airports Authority
Howard Simons, Maryland Department of Transportation
Chris Voigt, Virginia Department of Transportation
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Staff:

Mike Clifford, COG/DTP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Eulalie Lucas, COG/DTP
Jane Posey, COG/DTP
Joan Rohlfs, COG/DEP
Daivamani Sivasailam, COG/DTP

1. Call to Order and Review of Meeting Summary (December 1). The meeting was called to order at 10:05. The minutes of the December 1, 2009 meeting were approved with no changes.

2. Ozone NAAQS and SIP Development Update

Joan Rohlfs discussed EPA's reconsideration of the ozone NAAQS. In 2009, EPA announced it would reconsider the 2008 ozone NAAQS and issue a proposal by December. The proposal was released last week and includes a proposed range of 60-70 ppb as well as a lower secondary standard. Final designations for the reconsidered NAAQS would occur by August 2011, but this process is not expected to change the 2013 SIP submittal deadline. There will be a 60 day comment period.

State air agency representatives said that they were not sure yet if their states would be submitting comments. Given the proposed range for the revised NAAQS is much lower than the existing standard of 75 ppb, there will be increased pressure for EPA to address emission sources contributing to pollution being transported into the region, including a CAIR replacement rule. The OTC has been working on a number of initiatives to develop new regional and local control programs as well.

There will also be implications for conformity, but EPA has not yet issued guidance. In addition to a grace period, there will most likely be interim tests that can be used prior to establishing new mobile budgets. Staff will follow up with EPA to determine whether conformity will apply to the new proposed secondary standard.

3. Proposed New SO₂ NAAQS

Sunil Kumar discussed EPA's proposal to revise the National Ambient Air Quality Standard (NAAQS) for Sulfur Dioxide (SO₂). The existing standards are annual average of 30 ppb and a 24-hour average of 140 ppb. EPA is proposing to discontinue both the annual and 24-hour average standards and to introduce a new 1-hour SO₂ standard between 50-100 ppb. They are also taking comments up to 150 ppb. EPA is also proposing to change the form of the standard to either the 3-year average of the 4th highest daily maximum 1-hour average concentrations or the 3-year average of the 99th percentile of the annual distribution of daily maximum 1-hour average concentrations. There will also be changes to the SO₂ monitoring network & reporting requirements. EPA would also revise the AQI based on the new 1-hour standard. The comment period ends on February 8.

The current SO₂ monitoring network is not configured to monitor locations of expected maximum short-term concentrations. The proposal is for two categories of monitors: monitors in certain Core Based Statistical Areas (CBSAs) based on a combination of population and SO₂ concentrations and additional monitors based on a state's contribution to national SO₂ emissions. States will determine the specific locations of these monitors. Both categories will be required to be source-oriented and situated to detect maximum ground-level concentrations. All new SO₂ monitors are to be operational by Jan. 1, 2013. States would report both the 1-hour and 5-minute averaged SO₂ data available in each hour of the day.

In response to questions, Mr. Kumar said that there are currently no conformity requirements for SO₂ in the region. Given sulfur contributions from motor vehicles are low, EPA does not intend to require conformity demonstrations for this pollutant.

4. MOVES Transition Team and Conformity: Update on Schedule

Sunil Kumar discussed the schedule for transition to the MOVES model. EPA has released its MOVES2010 model, as well as the associated technical and policy guidance. The task force had been testing the previous draft version so can begin work to use the official version. There will be a 2 year grace period after which all SIP and conformity work must be done using the MOVES2010 model. The next task force meeting is scheduled for January 19. Mike Clifford said that this years conformity analysis will be done using Mobile6.2. Later this year, the task force should be in a better position to make decisions about how exactly MOVES2010 will be

used in the SIP and conformity processes.

5. 2009-2012 Climate Action Workplan

Jeff King provided an update on development of a 2009-2012 Climate Action Workplan. An ad-hoc workgroup is working to finalize the draft workplan for adoption by COG's Climate, Energy, and Environment Policy (CEEPC) in January. The most important recent revision was incorporation of the TPB work program into the matrix. CEEPC intends to adopt the matrix as a living document, future revisions or additions can be considered as program implementation evolves. In response to questions, he said that while jurisdictional response to the work plan is voluntary, there are a number of potential mandatory measures included such as consideration of green building codes.

6. Annual Survey of Local Voluntary Program

Jeff King discussed an annual survey of voluntary bundle commitments to be conducted in the first quarter of 2010. An Evaluation Report is due to EPA in March 2010. As part of the voluntary SIP commitments, the region agreed to track progress annually, and to provide a true up report every three years. A summary of commitments and survey forms will be circulated by the end of the month to those jurisdictions that included voluntary bundle commitments.

7. Stakeholder Appointments for 2010

Joan Rohlf's discussed TAC stakeholder appointments for 2010. 3 of the 4 TAC stakeholder representatives reapplied. Candice Gay of the DoD Regional Environmental Coordinators Office moved away from the area so is not longer able to participate. Once the TAC chair and MWAQC Executive Committee approve the selections, Walt Seedlock, Jon Kinsman, and Ana Prados will all be reappointed to the TAC. Doris McLeod said that she has identified a good candidate from the Quantico Marine Base to join if possible.

8. Other Business

Topics discussed under other business included notice that a set of Governors in the mid-Atlantic and Northeast have signed an MOU to establish a low-carbon fuel standard, TPB staff are continuing to conduct the "What would it Take" Scenario analysis for greenhouse gases, and University of Maryland has recently published a study indicating that urban heat islands in the metropolitan Washington region can impact air quality in Baltimore. Barbara Hardy noted that Sharon Bulova signed onto a letter to the Governor of Virginia requesting that the Commonwealth of Virginia join the Low-Carbon Fuel Standard initiative.

9. State and Local Air Agency Reports

Cecily Beall reported for the District. The OTC VOC regulations are under legal review prior to final adoption. A greenhouse gas inventory will be released soon, and stakeholder meetings will be held for the Climate Action Plan. The DC Department of the Environment is moving offices, and is working with the new building owner to green the building, including green roof and attempts to achieve LEED Silver.

Brian Hug reported for Maryland. He said EPA approved the Rate of Progress mobile budgets for Baltimore and Cecil County.

Tom Ballou reported for Virginia. The Virginia State Air Pollution Control Board approved the OTC VOC regulations so they should become effective in 2010. One important issue being addressed by the air agency are the reductions included for the Potomac River Power Plant in the ozone SIP. A recent court decision rescinded the no trading provisions of the state CAIR program. The air agency may try to resolve the issue through the facilities operating permit. He suggested the OTC state collaborative process, including determination of contributions to nonattainment, would be a good future agenda item.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn The next TAC meeting will be held on February 9, 2010. The meeting was adjourned at 11:30am.