

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: January 12, 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 (December 1, 2009)**
Chairman Cecily Beall, District Department of Environment
- 10:10 2. Ozone NAAQS and SIP Development Update**
Joan Rohlf, COG DEP, will discuss EPA's reconsideration of the ozone NAAQS. State air agency representatives will provide a status report on SIP development activities, including emission inventories, attainment modeling, and control measure development.
- 10:25 3. Proposed New SO₂ NAAQS**
Sunil Kumar, COG DEP, will discuss a recent EPA proposal to lower the NAAQS for SO₂.
- 10:40 4. MOVES Transition Team and Conformity: Update on Schedule**
Sunil Kumar, COG DEP will discuss the schedule for transition to the MOVES model as well as the schedule for conformity activities in 2010.
- 10:55 5. 2009-2012 Climate Action Workplan**
Jeff King, COG DEP, will provide an update on development of a 2009-2012 Climate Action Workplan.
- 11:05 6. Annual Survey of Local Voluntary Programs**
Jeff King, COG DEP, will discuss 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.
- 11:10 7. Stakeholder Appointments for 2010**
Joan Rohlf, COG DEP, will discuss TAC stakeholder appointments for 2010. She will also discuss AQPAC member appointments.
- 11:20 8. Other Business**
- 11:45 9. State and Local Air Agency Reports**
- 11:55 10. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: February 9, 2010



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**MWAQC Technical Advisory Committee
Meeting Summary
December 1, 2009 1pm to 2pm
Teleconference**

Present:

Elizabeth Aiken, Virginia Department of Environmental Quality
Cecily Beall, District Department of Environment
Tom Ballou, Virginia Department of Environmental Quality
Tom Biesiadny, Fairfax County Department of Transportation
Randy Carroll, Maryland Department of Environment
Austina Casey, District Department of Transportation
Jessica Daniels, District Department of the Environment
Bhesh Dhamala, Fairfax County Department of Health
Diane Franks, Maryland Department of Environment
Brian Hug, Maryland Department of Environment
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
Ana Prados, Fairfax County Federation of Citizen's Associations
Walt Seedlock, Metropolitan Washington Airports Authority
Tim Shepherd, Maryland Department of Environment
Bill Skrabak, City of Alexandria
Howard Simons, Maryland Department of Transportation
Khoa Tran, City of Alexandria
Chris Voigt, Virginia Department of Transportation
Mike Zamore, M-NCPPC
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Staff:

Mike Clifford, COG/DTP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Eulalie Lucas, COG/DTP
John Mataya, COG/DCPS
Erin Morrow, COG/DTP
Jane Posey, COG/DTP
Joan Rohlfs, COG/DEP
Daivamani Sivasailam, COG/DTP

Observers/Participants:

Julie Crenshaw Van Fleet, AQPAC
Charley Baummer, Metropolitan Washington Airports Authority

1. Call to Order and Review of Meeting Summary (October 13). The meeting was called to order at 1:05. The minutes of the October 13, 2009 meeting were approved with one change -- Julie Crenshaw Van Fleet should have been listed as in attendance.

2 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 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.

EPA proposed the rule on November 16, 2009. The comment period will last 60 days after publication in Federal Register. There will be a public hearing on January 5, 2010.

In response to questions, Jim Ponticello said that the proposal specifies that SO₂ will not be subject to conformity requirements. Bill Skrabak said that the City of Alexandria is considering submitting comments

3. Low Carbon Fuel Standard

Tim Shepherd discussed development of a Low Carbon Fuel Standard. The Northeast States for Coordinated Air Use Management (NESCAUM) initiated efforts in the mid-Atlantic/northeast to develop a low carbon fuel standard similar to a program that was developed in California. If adopted by the states participating in the NESCAUM process (including MD, PA, DE, NJ, NY, MA, CT, RI, NH, VT, and Maine), the program will establish carbon intensity levels for transportation fuels. Fuel providers will need to either meet the required intensity level or purchase credits. The current timeline calls for implementation by 2012 and a 10% drop in greenhouse gas levels by 2020. Workgroups are addressing the issue of how to establish baseline fuel characteristics. Carbon intensity will be calculated based on a lifecycle analysis of the fuels. Inclusion of home heating oils was considered but it was decided that such fuels will not be included in the rule at this time. The same states are also working on a low sulfur home heating oil standard to go into effect in the 2015/2017 timeframe.

A MOU will be circulated to the state governors within the next week. Two stakeholder

meetings have been held. There are six workgroup actively developing information needed to implement the proposal, including whether a CAA Section 211(c) waiver will be required. To date only the state environmental agencies have been involved in the rule development process. At some point, other state agencies such as energy and natural resources departments will need to be engaged in the process.

4. Greater Washington 2050 Report Recommendations

John Mataya discussed a draft report from the Greater Washington 2050 coalition focusing specifically on the proposed recommendations for air quality indicators. As background, a coalition was formed to develop short and long term goals and visions for the greater Washington region. Joan Rohlf presented a draft MWAQC comment letter responding to the request for comments on the proposed indicator. For the air quality indicator, the proposed target reads as follows: “reduce the number of days exceeding the air quality standards below 2008 levels.” Members agreed that such a target may be unachievable due to regular changes in federal air quality standards. They also suggested that use of the terms "design value" or "attainment" is problematic given regulatory definitions and the difficulty some may have in grasping the concepts. Members agreed to recommend that the target be changed to read: “Beginning in 2014, the region’s air quality will be better than required by federal air quality standards.” The year 2014 is selected because it is the first year that is an official EPA indicator of the region’s ability to meet the newest ozone standard. John Mataya said that a revised report will be presented to the coalition on December 11 and the COG Board is scheduled to take action on the report in January. Julie Crenshaw Van Fleet asked that a discussion of the proposed air quality indicator be included on the agenda for the next AQPAC meeting.

5. EPA Update: OTC Fall Meeting

Jeff King discussed updates from EPA on various SIP related issues, including CAIR, MOVES, Ozone NAAQS, as presented at the Fall Meeting of the Ozone Transport Commission. States are currently undertaking activities to meet the 2013 deadline for SIP submittals for the 2008 ozone NAAQS. The core activities include developing inventories, conducting attainment modeling, and developing new control measures for regulatory development. State have indicated that they are trying to develop new regulations to be effective before the beginning of the 3-year period used to demonstrate compliance with the NAAQS before the attainment deadline. EPA has stated they intend to issue a replacement rule for CAIR in 2010. In 2009, EPA announced it would reconsider the 2008 ozone NAAQS and issue a proposal by December 2009. Final designations for the reconsidered NAAQS would occur by August 2011, but this process is not expected to change the 2013 SIP submittal deadline. EPA intends to release its new MOVES model by January 2010. EPA will require that MOVES be used to develop the mobile sector emission inventory for the SIP.

6. MOVES Transition Team: Report

Sunil Kumar and Eulalie Lucas discussed activities related to the transition to the new MOVES model. The most recent meeting of the MOVES task force was on November 17. At the meeting, Daivamani Sivasailam presented a detailed memorandum on the methodologies to develop the MOVES inputs for vehicle population, age distribution, total VMT, and VMT mix. Erin Morrow presented a memorandum detailing a comparison of the MOVES default and local truck data for the District of Columbia, Maryland, and Virginia. She presented detailed data based on an average trip length (miles) on the local trucks registered in the above three jurisdictions for 2002. She also presented data on the trash trucks for 2002 registered in Maryland and Virginia. Eulalie Lucas presented a memorandum describing the six different MOVES runs and one Mobile6.2 run (total seven runs or scenarios) she undertook to evaluate and compare the impact of MOVES default and local inputs on MOVES emissions estimation and to compare these results with Mobile6.2 VOC and NOx emissions. The next meeting will take place on January 19, 2009. Agenda items include any review of EPA's policy or technical guidance that is expected to be released by the year end and updated analyses related to MOVES inputs based on those guidance documents.

7. Stakeholder Appointments for 2010

Joan Rohlf discussed the process for TAC stakeholder appointments for 2010. She also discussed AQPAC member appointments. TAC stakeholder applications are due in December. The TAC Chair and MWAQC will appoint stakeholders for 2010 in January. Current members are encouraged to reapply. AQPAC is also in the process of soliciting new members or reappointments. AQPAC member appointments are also expected in January.

8. Other Business

Jeff King said that the annual survey of local voluntary commitments will be conducted in early 2010. An Evaluation Report is due to EPA in March 2010.

Jeff King said that COG will be hosting a meeting of staff from throughout metropolitan regions in the Mid-Atlantic with interest in sustainability (climate/energy/smart growth) initiatives. The initiative is being led by Bill Jones from EPA Region III. Participating metropolitan areas include Pittsburgh, Philadelphia, Baltimore, Washington, Richmond, Wilmington, and Hampton Roads. The meeting is schedule for January 11.

9. State and Local Air Agency Reports

Tom Ballou reported for Virginia. On November 20, the Virginia State Air Pollution Control Board approved the OTC VOC regulations. The board also voted to not grant the MWAQC petition to lower the opacity standard from 20 to 10%. If such a measure is considered a critical control measure for future SIPs, the decision may be reevaluated.

Brian Hug reported for Maryland. Meetings are being held across Maryland to gather public and stakeholder input on climate planning. A draft climate action plan will be developed by the end of 2010. MDE is the lead agency in preparing the plan.

Cecily Beall reported for the District. The District has completed a draft greenhouse gas inventory and action plan. There will be a stakeholder meeting in a couple of months. The OTC

VOC regulations are going through an internal review. The current schedule is to have the regulations become effective before the beginning of the 2010 ozone season.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn: The next TAC meeting will be held on January 12, 2010. The meeting was adjourned at 2:35pm.