

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: January 8, 2008

Time: 10 am to 12 pm

Teleconference

1-888-898-8635

Passcode 774715

DRAFT Agenda

- 10:00 1. Call to Order and Review of Meeting Summary (December 6, 2007)**
Chairman Diane Franks, Maryland Department of the Environment
- 10:10 2. PM_{2.5} SIP Schedule**
Joan Rohlfs, COG DEP, will briefly review the PM_{2.5} SIP schedule, including dates and locations for public hearings.
- 10:20 3. Conformity Determination for the 2007 CLRP and 2008-2013 TIP**
Mike Clifford, COG DTP, will present the Conformity Determination for the 2007 CLRP and 2008-2013 TIP.
- 10:40 4. Climate Change Steering Committee and Greenhouse Gas Emissions Workgroup**
Joan Rohlfs, COG DEP, will provide an update on the Climate Change Steering Committee.
- 11:00 5. Applications for Stakeholder Positions**
Joan Rohlfs, COG DEP, will discuss the status of stakeholder appointments for 2008.
- 11:15 6. Other Business**
- 11:30 7. State and Local Air Agency Report**
- 11:50 8. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: February 12, 2008



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**MWAQC Technical Advisory Committee
Meeting Summary
December 6, 2007 10am to 12pm
Room 1, 1st Floor**

Present:

Tom Ballou, Virginia Department of Environmental Quality
Cecily Beall, District Department of the Environment
Bhesh Dhamala, Fairfax County Department of Health
Diane Franks, Maryland Department of Environment
Barbara Hardy, Fairfax County Department of Health (by teleconference)
Brian Hug, Maryland Department of Environment (by teleconference)
John Kinsman, Edison Electric Institute (by teleconference)
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 Environmental Protection (by teleconference)
Jim Ponticello, Virginia Department of Transportation (by teleconference)
Mark Rawlings, District Department of Transportation
Bill Skrabak, City of Alexandria
Howard Simons, Maryland Department of Transportation
Kanti Srikanth, Virginia Department of Transportation
Khoa Tran, City of Alexandria
Chris Voigt, Virginia Department of Transportation
Ken Von Schaumberg, Greater Washington Board of Trade (by teleconference)
Bob Stroik, National Park Service
Flint Webb, Fairfax County Federation of Citizens Associations
Mike Zamore, Maryland National Capital Park and Planning Commission (by teleconference)

Staff:

Mike Clifford, COG/DTP
Daivamani Sivasailam, COG/DTP
Jeff King, COG/DEP
Nabeel Keblawi, COG/DEP
Sunil Kumar, COG/DEP
Eulalie Lucas, COG/DTP
Erin Morrow, COG/DTP
Joan Rohlfs, COG/DEP

Observers/Participants:

Charley Baummer, MWAA (by teleconference)
Greg Becoat, U. S. EPA Region III (by teleconference)
Julie Crenshaw Van Fleet, AQPAC
Candice Gay, DoD REC Region III (by teleconference)
Jacqueline Lewis, U. S. EPA Region III (by teleconference)
Gobeail McKinley, U. S. EPA Region III (by teleconference)
Marilyn Powers, U. S. EPA Region III (by teleconference)
Rose Quinto, U. S. EPA Region III (by teleconference)

1. Call to Order and Review of Meeting Summary (November 13, 2007). Ms. Beall called the meeting to order at 10:05. The minutes of the November 13, 2007 meeting were approved with several changes. Bill Skrabak asked that the minutes reflect additional details on the points he made about the Mirant Potomac River Generating Station in Alexandria. Specifically, the minutes should reflect that he said there may be regional as well as local impacts. In addition, the City of Alexandria has modeling that indicates that there may be local exceedances of the NAAQS caused by the power plant. He also said that there are potential impacts of the proposed stack merge; in particular, the stack merge may increase pollution levels in Maryland and the District.

2. PM_{2.5} SIP Revisions

Joan Rohlfs said that a revised draft SIP has been posted and reflects comments on the draft SIP provided by the due date of November 28. A technical editor was hired to address many of the simple formatting, consistency, and grammatical issues. The revised SIP also now includes the attainment modeling chapter which was not available during the first review. All of the appendices are available with the exception of the mobile modeling input documentation which is still being prepared. Jeff King and Sunil Kumar briefly summarized the major technical corrections that were handled based on comments received to date. Members should consider reviewing the revised draft and to inform staff of any additional changes that may be needed.

Jeff King said that a set of proposed changes from the District was not addressed. Cecily Beall said that the District wants additional language added to the precursor significance determination, specifically for VOC and ammonia. Members reviewed the suggested changes, and after discussion and amendments, agreed to revisions for that portion of the SIP.

Flint Webb said that the SIP should be revised to include text in Section 2.7 further elaborating the role of ammonia in PM_{2.5} formation.

Julie Crenshaw Van Fleet and Bill Skrabak said the SIP should be revised to include more focus on local hotspots. Bill Skrabak said the regional monitoring network is not sufficient to detect local hotspots. He said that a letter from EPA Region III administrator to the City of Alexandria states that local hotspots should be addressed as part of the PM_{2.5} SIP development process. Flint Webb also said that he expected that the local hotspot issue would be addressed in the PM_{2.5} SIP. Tom Ballou and Doris McLeod said there are no local hotspots per EPA's definition, because there are no monitored locations that show elevated concentrations. Tom Ballou said that this issue is not an attainment issue. Bill Skrabak said that the City of Alexandria has performed modeling that indicates that the Potomac River Generating Station in Alexandria is causing local exceedances of the NAAQS. Doris McLeod said that Virginia is aware of the City's modeling. She said that EPA hasn't provided DEQ with modeling guidance and that the issue should be handled through the permit process for the facility. Bill Skrabak said that the State can adopt its own modeling protocol. Doris McLeod said that Virginia will not adopt a protocol that is not approved by EPA. Bill Skrabak said that the issue is not just a Virginia issue because the plant also can cause air pollution problems in the District and Maryland. A regional meeting at COG should be held to discuss how to handle the local hotspot issue in the SIP. Joan Rohlfs said that COG legal counsel suggests that a meeting should be held in Virginia and should include all stakeholders. Tom Ballou said that Virginia DEQ is in the process of setting up a meeting, including participants from Mirant and EPA Region III and OAQPS. Cecily Beall asked if the City of Alexandria provided specific wording for the SIP to address the local hotspot issue. Bill Skrabak said no because the City was expecting a meeting to be arranged first. Doris

McLeod agreed to review and consider language to be provided by the City of Alexandria for possible inclusion in the SIP.

Flint Webb asked that the daily DV chart be revised to show the old NAAQS of 65 ug/m³.

3. PM_{2.5} SIP

Joan Rohlfs presented the draft PM_{2.5} SIP for approval to recommend to MWAQC. Members agreed to recommend the draft SIP to MWAQC for public comments. Joan Rohlfs said that the SIP will be considered by MWAQC on December 12. Public hearings will be scheduled for late January. MWAQC will meet early in March (March 6th) to approve the final SIP.

4. Climate Change Steering Committee and Greenhouse Gas Emissions Workgroup

Joan Rohlfs provided an update on the Climate Change Steering Committee. The committee met on November 28 and heard a report from an Institute for Regional Excellence (IRE) group that conducted a survey of climate-related programs throughout the COG region. Federal legislation was discussed, particularly the Warner-Lieberman bill. The committee expressed interest in supporting energy efficiency and renewable energy components of federal legislation. The committee also heard a presentation on local impacts of climate change and on the Virginia Energy Plan.

Tad Aburn said that the Maryland Climate Change Commission is in the process of preparing the Interim Report for the Governor, which should be completed in the next couple of weeks. Joan Rohlfs said that the District Council is considering legislation that will create a Sustainable Energy Utility, which will be responsible for managing funds and programs to encourage energy efficiency. The committee also began discussing regional reduction goals and targets. There was some interest in inviting businesses to a meeting of the CCSC. The COG Green Building Report is out for comment, and the COG Board is considering recommending a regional building standard of LEED Silver.

5. Applications for Stakeholder Positions

Joan Rohlfs discussed the status of stakeholder appointments for 2007. She said that applications are due by December 28.

6. Other Business

Several items were discussed. In response to a question from Bhesh Dhamala, Joan Rohlfs said that the ozone SIP was submitted to EPA in June. It should be found complete by operation of law in December. The next step is for EPA to find the proposed mobile budgets are adequate for use in conformity. Jeff King reminded members that local voluntary commitment letters should be submitted by December 12. Kanti Srikanth said that the TPB approved the MWAQC request for a 2010 mobile budget for the contingency plan. Siva said that the draft conformity determination will be released for public comment at the CAC meeting next week. The determination will show that the region can demonstrate conformity for both the interim budgets as well as the budgets to be in force once the 8-hour ozone SIP budgets are found adequate. Bill Skrabak said that Virginia DEQ has been instructed to develop a permit for the stack merger at the Potomac River Generating Station in Alexandria.

7. State and Local Air Agency Report

Tom Ballou reported for Virginia. DEQ recently held a mercury symposium. The Air Board has instructed DEQ to develop a permit for the stack merger at the Potomac River Generating Station in Alexandria. The IAQC met and agreed to support the annual budgets in the PM SIP. At the meeting, the IAQC also discussed the new PM_{2.5} 24-hour and ozone NAAQSs. Virginia has received a comment from EPA that the agency may not approve Virginia's CAMR rule given concerns about restricting trading of allowances.

Diane Franks reported for Maryland. The industrial adhesives and sealants and RGGI rules are going through the Advisory Committee process. The designation recommendation for the new PM standard (nonattainment for the DC region) is completed and to be signed by the Governor. The draft Regional Haze SIP is complete.

Cecily Beall reported for the District. The designation recommendation for the new PM standard (nonattainment for the District) has been prepared and will be submitted to EPA. The District is proposing to establish a Sustainable Energy Utility. A Green Building Code bill is also be considered by the Council. The District is also hiring staff to focus on climate change.

8. Set Date for Next Meeting, Future Agenda Items, Adjourn

The next TAC Meeting will be held on January 8, 2008. The meeting was adjourned at 12:10.

DRAFT

**MWAQC Technical Advisory Committee
Special Meeting Summary
December 11, 2007 3-4 pm
Teleconference**

Present:

Tom Ballou, Virginia Department of Environmental Quality
Cecily Beall, District Department of the Environment
Bhesh Dhamala, Fairfax County Department of Health
Barbara Hardy, Fairfax County Department of Health
Brian Hug, Maryland Department of Environment
Maurice Keys, District Department of Transportation
John Kinsman, Edison Electric Institute
Doris McLeod, Virginia Department of Environmental Quality
Bob Owolabi, Fairfax County Department of Transportation
Pam Parker, Montgomery County Department of Environmental Protection
Jim Ponticello, Virginia Department of Transportation
Mark Rawlings, District Department of Transportation
Bill Skrabak, City of Alexandria
Howard Simons, Maryland Department of Transportation
Kanti Srikanth, Virginia Department of Transportation
Chris Voigt, Virginia Department of Transportation
Ken Von Schaumberg, Greater Washington Board of Trade
Jim Sydnor, Virginia Department of Environmental Quality
Flint Webb, Fairfax County Federation of Citizens Associations

Staff:

Jeff King, COG/DEP
Joan Rohlfs, COG/DEP

Observers/Participants:

Julie Crenshaw Van Fleet, AQPAC
Hon. Dave Snyder, MWAQC

1. Proposed SIP Language for Local Hotspot Analysis

Joan Rohlfs said that the purpose of the call is to follow-up on the agreement at TAC that the City of Alexandria would proposed draft language to include in the SIP to address the issue of local hotspot analysis for sources that may cause unmonitored exceedances of the NAAQS.

Flint Webb asked if the appropriate section is local area analysis or unmonitored area analysis. He said that unmonitored analysis seems like the appropriate section. Tom Ballou and Doris McLeod disagreed and said that it should be for the local area analysis section. EPA hasn't provided adequate tools to determine if an exceedance is occurring at an unmonitored site.

Bill Skrabak reviewed the basic points of the proposed SIP language. He said the language would require a more detailed modeling analysis if a large major stationary source doesn't meet good engineering practices or if there is other data that indicates that the source contributes to

exceedances of the NAAQS. The modeling analysis would have to be completed on a set schedule based on approval of the SIP.

Doris McLeod said that Virginia DEQ doesn't have the resources to model all of the major stationary sources in Virginia. She offered proposed text from DEQ which states that until EPA issues guidance on appropriate modeling for PM_{2.5} local area analysis, modeling will be performed by the owner of the Potomac River Generating Station. She said that Virginia also does not support the predicated timeline.

Bill Skrabak said that Alexandria has modeling analysis that indicates that the Mirant facility is contributing to exceedances of the NAAQS and that there is a significant population at risk. He said that Virginia DEQ doesn't need EPA guidance, the EPA regulations already instruct agencies to use a gaussian dispersion model such as Aeromod.

Jim Sydnor asked for MDE's position on the language. Brian Hug said that MDE does not support the language proposed by the City of Alexandria. Maryland doesn't believe the issue being raised by the City of Alexandria is a SIP issue.

Tom Ballou and Doris McLeod reiterated that Virginia does not support the proposed language for a number of reasons, including the establishment of a fixed timeline and the lack of approved EPA guidance.

Bill Skrabak said that the City of Alexandria has modeling evidence that the Mirant facility is contributing to exceedances of the NAAQS and if there was an appropriately sited monitor in Alexandria that confirmed the exceedances, Virginia DEQ would have to address the alleged local hotspot as part of this SIP. He said that EPA Region III sent the City of Alexandria a letter stating that this local hotspot issue should be handled as part of the PM_{2.5} SIP process. Members asked that Bill Skrabak share a copy of the EPA letter.

All members agreed that a resolution to this issue was not forthcoming on the call. Bill Skrabak and Doris McLeod agreed to coordinate offline to develop text for inclusion in the SIP. In the meantime, Virginia DEQ will continue to try to arrange a stakeholder meeting to address this issue in January.