

Metropolitan Washington Air Quality Committee

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TECHNICAL ADVISORY COMMITTEE

Date: October 10, 2006

Time: 10 am to 12 pm

Place: COG Board Room, 3rd Floor

Lunch will be provided to members attending in person at noon

DRAFT Agenda

- 10:00 1. Call to Order and Review of Meeting Summary (September 12, 2006)**
Chairman Jim Sydnor, Virginia Department of Environmental Quality
- 10:10 2. Conformity Subcommittee**
Stan Tracey, DC DOE, will present a draft comment letter on the draft conformity analysis for recommendation to MWAQC.
- 10:20 3. SIP Schedule: Update**
Joan Rohlfs, COG DEP, will discuss the SIP schedule.
- 10:35 4. Attainment Modeling Subcommittee: Update**
Tom Ballou, VDEQ, will report on attainment modeling. Sunil Kumar, COG DEP, will discuss weight of evidence.
- 10:50 5. Local Government Initiatives Subcommittee: Update**
Jeff King, COG DEP, will discuss the results of a survey of local government initiatives. He will also discuss the status of protocol development by the National Renewable Energy Lab (NREL).
- 11:10 6. Contingency Planning: Update**
Jeff King, COG DEP, will discuss development of a contingency plan for the SIP.
- 11:25 7. Nonroad Survey: Update**
Joan Rohlfs, COG DEP, will report on a survey of nonroad diesel equipment being conducted in the region.
- 11:35 8. New Business**
Joan Rohlfs, COG DEP, will discuss new business items.
- 11:45 9. State and Local Air Agency Reports**
- 11:55 10. Set Date for Next Meeting, Future Agenda Items, Adjourn:**
Next TAC Meeting: November 7, 2006

DRAFT

**MWAQC Technical Advisory Committee
Meeting Summary
September 12, 2006 10am to 12pm
Teleconference and DEP Conference Room**

Present:

Tom Ballou, Virginia Department of Environmental Quality
Tom Biesiadny, Fairfax County Department of Transportation
Rick Canizales, Prince William County Department of Transportation
Bhesh Dhamala, Fairfax County Department of Environmental Services
Stan Edwards, Montgomery County
Diane Franks, Maryland Department of the Environment
Pat Haddon, Calvert County
Jeff Harn, Arlington County Department of Environmental Services
Brian Hug, Maryland Department of Environment
Maurice Keys, District of Columbia Department of Transportation
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Pam Parker, Montgomery County
Jim Ponticello, Virginia Department of Transportation
Howard Simons, Maryland Department of Transportation
Kanti Srikanth, Virginia Department of Transportation
Jim Sydnor, Virginia Department of Environmental Quality
Ram Tangirala, District Department of Environment
Stan Tracey, District Department of Environment
Julie Thomas, National Park Service
Flint Webb, Fairfax County Federation of Citizens Associations

Staff:

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

Observers/Participants:

Gary Allen, Center for Chesapeake Communities
Charley Baummer, Metropolitan Washington Airports Authority
Julie Crenshaw Van Fleet, AQPAC

1. Call to Order and Review of Meeting Summary (July 11, 2006). Mr. Ballou called the meeting to order at 10:06. The minutes of the July 11 meeting were approved with no changes.

2. Ozone Season Summary

Jen Desimone provided an ozone season report. There were several air pollution episodes this year. Significant multi-day episodes occurred at the end of May, mid-July, and late August. The maximum peak 8-hour ozone concentration was 125 ppb on July 18 (code purple), and occurred at the Mt. Vernon site. During the July episode, ozone pollution was prevalent along the I-95 corridor north to New England. A large area of high pressure, light winds, high temperatures, and recirculation of pollution all contributed to the episode. Ms. Desimone said there were two code orange days for PM_{2.5} in July. On July 4, daily peak 24-hour particle concentrations reached 43 ug/m³. On July 11, daily peak 24-hour particle concentrations reached 49 ug/m³.

Kanti Srikanth asked if code red for PM is triggered at 65 ug/m³. Joan Rohlfs said yes. Jim Ponticello said that EPA is trying to coordinate the color coding for both ozone and PM through the Air Quality Index (AQI) system. One issue is that code orange values for 8-hour ozone are exceedances of the NAAQS. Code orange levels for PM are not exceedances of the NAAQS. This issue causes some confusion on Air Quality Action Days.

Jim Sydnor said that it is important to also consider Design Values and not just exceedances, so the summary should include Design Values for both PM and ozone, with a label indicating "draft as of the date." He said that attainment will be based on the Design Value for the 2007-2009 time period.

Howard Simons asked that information be provided on the historical relationship between temperature and ozone exceedances. Rick Canizales asked that staff provide a listing of which monitors had monitored code orange values for PM this season. Stan Edwards said Montgomery County will be considering options for programs to implement on code orange days.

2. SIP Schedule: Update

Joan Rohlfs provided an update on the SIP schedule. In August, staff worked on weight of evidence and began drafting sections of the SIP. The attainment modeling results are still pending, and may be available in October. Staff are also conducting a survey of local government initiatives.

Joan reviewed a draft schedule for finalizing the SIP. A draft SIP which will not include final modeling results, could be circulated for review and comment to TAC members in late September. The draft SIP could then be presented to TAC in October. The TAC would receive a revised SIP in November in advance of MWAQC action on November 15. Staff are considering holding a back-to-back MWAQC/TPB in December. If this schedule can be met, public hearings would be scheduled for January and the final SIP would be approved in March.

Jim Sydnor said that there are two major pending tasks to consider. First, the attainment modeling results are not yet complete. Second, the SIP will require a contingency plan. He suggested that the proposed schedule above is not realistic. He said the draft SIP could be available in January, and that public hearings could be held six weeks later. Flint Webb expressed concern about the public hearings being held so late in the process. Joan Rohlfs clarified that there will be public stakeholder meetings held in advance of the draft SIP and that the formal public hearing is a different requirement that cannot occur until the SIP is complete. Brian Hug said that the SIP must be submitted to EPA by June 15, 2007. Joan Rohlfs proposed revising the schedule so that the TAC would receive the draft SIP in November. Jim Sydnor said the IAQC would provide input on the draft SIP after the TAC.

Staff are also working with AQPAC to hold a stakeholder meeting on October 19, from 5-7 pm. The meeting will cover the core control strategy as well as local government initiatives. Kanti Srikanth asked

whether it was important to have the attainment modeling results for the stakeholder meeting. Joan Rohlf's said that the meeting should not involve significant technical discussion.

3. Attainment Modeling Subcommittee: Update

Tom Ballou reported on attainment modeling. Updated inventories from the Regional Planning Organizations (RPOs) are becoming available. The OTC has re-run the 2002 base case, and emissions are being processed for the OTB/OTW base case 2009 scenario. He said that there is some uncertainty about when final modeling results will be available. Jim Sydnor asked if there were changes to the emission inventory for the Washington, DC region. Tom Ballou and Sunil Kumar said that there were changes to the inventory, including updated portable fuel container emissions.

Sunil Kumar discussed weight of evidence analyses. Staff are developing various trend analyses, including historical Design Value trends from 1990 to 2005. MDE is analyzing trajectory information. Staff will compile the various elements and prepare a weight of evidence section for the SIP. Jim Sydnor asked if there were any outstanding issues. Joan Rohlf's said that ASIP results will be needed and that the MDE analyses are pending. Tom Ballou said that he could obtain the ASIP results once they become available.

4. Conformity Subcommittee

Ram Tangirala reported on the recent Conformity Subcommittee meeting. The standing monthly call has been rescheduled to the Monday following the TPB Technical Committee at 11am. At the recent meeting, the results of the conformity determination for the 2006 CLRP and 2007-2012 TIP were discussed. The projected emissions for the milestone years are below the interim emissions tests. The group agreed to draft a comment letter to send to TPB.

The subcommittee also heard an update on the status of Conformity SIPs. All three states are in the process of meeting EPA's requirements. State air agencies agreed to share proposed Conformity SIP regulations with the DOTs and MPO before finalizing.

Pam Parker asked about specific projects listed in the TERM tracking sheet, specifically why measures are treated as either TCMs or TERMS. Mike Clifford said that is up to the programming agency to specify how the project should be coded. All of the projects listed in the tracking sheet are TERMS.

6. Local Government Initiatives Subcommittee: Update

Jeff King discussed the survey of local government initiatives. He said that a survey was distributed in early August and results are expected by September 22. The survey requests information on local programs that may provide an air quality benefit. Local jurisdictions were also asked to make decisions on commitments for the voluntary bundle. Commitment letters need to be sent to the state air agencies in October for inclusion in the draft SIP. Jim Sydnor asked whether the District would be providing any voluntary measures. Maurice Keys and Ram Tangirala said that internal discussions are ongoing. Jim Sydnor said that any organization that is considering making a commitment is welcome.

7. Nonroad Survey: Update

Joan Rohlf's said that COG is managing a survey of non-road diesel equipment in the Washington region. She said that the contract was awarded to ERG, and a subcontractor NuStats. The team is finalizing an advance letter. Ultimately various means will be used to conduct the survey, including a letter, printed survey, on-line, and by phone. The group has identified the companies to poll, including construction associations and the American Road and Builders Association (ARTBA). DOTs have been asked to participate in the survey, including use of logos. Letters will be sent out on September 25, and the data collection will begin on November 16. Information should be available by the end of the year.

8. State and Local Air Agency Reports/Announcements

Stan Tracey reported for the District. Currently, work is focused on the NOx RACT review. The action is ready for public comment and should be completed by early October. The DC CAIR regulations and SIP should be completed by March.

Brian Hug reported for Maryland. The RACT SIP was released for public comment in August. Comments are due by September 15. MDE is not expecting negative comments. The CAIR regulation and SIP are being drafted and should be completed by March.

Doris McLeod and Jim Sydnor reported for Virginia. The RACT SIP was released for public comment on September 6. There will be a hearing on October 6. There were no additional controls identified. The CAIR regulation and SIP will be completed by March. The Virginia mercury regulations may be adopted in late September.

Julie Crenshaw van Fleet commented that there is evidence of construction at the Potomac River Power Plant. She understands there is a proposal to combine the five stacks into two. She was concerned that the project may move forward without the need for a permit from the City of Alexandria. She also thought that the modification should trigger New Source Review. Ms. Crenshaw van Fleet also said that modeling indicates that the emissions from the plant cause local violations of the NAAQS for PM₁₀, PM_{2.5}, and SO₂. She has contacted the Virginia DEQ Northern Virginia office and has not received a return call. She asked whether Virginia DEQ representatives are aware of the situation. Jim Sydnor said that the air agency is involved and that Mirant will require a permit from DEQ.

10. Set Date for Next Meeting, Future Agenda Items, Adjourn: Next TAC Meeting: September 12, 2006.