

# Metropolitan Washington Air Quality Committee

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## TECHNICAL ADVISORY COMMITTEE

Date: July 13, 2010

Time: 12:30-2 pm

DEP Conference Room, 3rd Floor

Lunch will be served to members at noon.

Optional: Teleconference

Call In Number 888-898-8635

Passcode 774715

## DRAFT Agenda

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|-------|-----|--|
| 12:30 | 1.  | <b>Call to Order and Review of Meeting Summary (May 11, 2010)</b><br><i>Chairman Cecily Beall, District Department of Environment</i>  |
| 12:35 | 2.  | <b>EPA Proposed Transport Rule</b><br><i>COG DEP Staff will present information on EPA's recently proposed Transport Rule.</i>   |
| 12:50 | 3.  | <b>Final SO<sub>2</sub> NAAQS</b><br><i>Sunil Kumar, COG DEP, will present information on EPA's recent final action on the SO<sub>2</sub> NAAQS.</i>                                       |
| 1:00  | 4.  | <b>Secondary NAAQS for Ozone</b><br><i>Sunil Kumar, COG DEP, will present information on the secondary NAAQS for Ozone.</i>  |
| 1:10  | 5.  | <b>Ozone Transport Commission: Annual Meeting</b><br><i>Joan Rohlf, COG/DEP, will discuss the annual meeting of the Ozone Transport Commission including identified priority measures.</i> |
| 1:20  | 6.  | <b>Transition to MOVES Model for SIPs and Conformity: Schedule</b><br><i>Sunil Kumar, COG/DEP, will discuss the schedule for transitioning to the MOVES model.</i>                         |
| 1:25  | 7.  | <b>Energy Efficiency and Renewable Energy in SIPs</b><br><i>Jeff King, COG/DEP, will discuss recent efforts to incorporate EERE in SIPs.</i>   |
| 1:35  | 8.  | <b>Ozone Season Summary</b><br><i>Sunil Kumar, COG/DEP, will provide the ozone season summary.</i>   |
| 1:45  | 9.  | <b>Other Business</b> <ul style="list-style-type: none"><li>- Diesel Idle Reduction Campaign</li><li>- Voluntary Bundle and Climate Progress Reporting</li></ul>                           |
| 1:50  | 10. | <b>State and Local Air Agency Reports</b>  |
| 1:55  | 10. | <b>Set Date for Next Meeting, Future Agenda Items, Adjourn, Next TAC Meeting: September 14, 2010</b>   |



Reasonable accommodations are provided for persons with disabilities. Please allow 7 business days to process requests. Phone: 202.962.3300 or 202-962.3213 (TDD). Email: [accommodations@mwkog.org](mailto:accommodations@mwkog.org). For details: [www.mwkog.org](http://www.mwkog.org).

**DRAFT**

**MWAQC Technical Advisory Committee  
Meeting Summary  
May 11, 2010 10am to Noon  
COG Board Room**

**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  
Austina Casey, District Department of Transportation  
Bhesh Dhamala, Fairfax County  
Jeff Harn, Arlington County  
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality  
Jessica Daniels, District Department of Environment  
Andrew Gayne, Marine Base Quantico  
Brian Hug, Maryland Department of the Environment  
Jon Kinsman, Edison Electric Institute (by teleconference)  
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  
Howard Simons, Maryland Department of Transportation  
Molla Sorros, Maryland Department of the Environment  
Kanti Srikanth, Virginia Department of Transportation  
Chris Voigt, Virginia Department of Transportation

**Staff:**

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

**Other Participants:**

Charley Baummer, MWAA  
Jennifer Tabor, US DoD REC Region III

### **1. Call to Order and Review of Meeting Summary (April 13, 2010)**

The meeting was called to order at 10:05. The minutes of the April 13, 2010 meeting were approved with two changes, the meeting date listed (March 9) was incorrect. Also, Monica Backmon was in attendance via conference line.

### **2. Measuring Background Ozone Concentrations**

Sunil Kumar discussed measurement of background concentrations of ozone and implications for attaining new tighter ozone NAAQS. The possible upcoming revisions to the ozone NAAQS lowering the standard to a range between 60-70 ppb means that it is becoming increasingly important to understand background concentrations of ozone. Generally, background concentrations range between 15 and 35 ppb in the United States. During summer, background concentrations are rarely above 25 ppb. Policy relevant background levels are defined as ozone levels in the absence of continental North American anthropogenic emissions.

### **3. Climate Change Indicators in the United States**

Jeff King discussed a new EPA report on climate change indicators in the United States. In April, EPA has released a report on Climate Change Indicators in the United States. There are 24 indicators across 5 categories. Categories include greenhouse gas emissions, weather and climate, oceans, snow and ice, and society and ecosystems. Generally, most indicators suggest serious impacts from continued increased emissions of greenhouse gases are already occurring in the United States, including increased heavy precipitation, increased sea level, decline in snow pack, and changes in plant hardiness zones. For more information, see <http://www.epa.gov/climatechange/indicators.html>

### **4. Conformity Scope of Work**

Jane Posey discussed the proposed scope of work for this year's conformity analysis. The scope of work for this year's conformity analysis is similar to the approach used for the last several years. Major changes include use of updated land use forecasts, Round 8.0, and a new out-year milestone year of 2040. The Travel Demand Model 2.2 and EPA's MOBILE6.2 emission factor model will be used. The analysis will test regional emissions against existing approved mobile budgets, interim tests/budgets, and proposed new budgets not yet found adequate by EPA. Staff anticipate TPB adoption of the conformity determination for the 2010 CLRP and 2011-2016 TIP at its November meeting.

### **5. ALA State of the Air Report**

Joan Rohlfs discussed the recently released American Lung Association State of the Air Report. The American Lung Association released its annual State of the Air Report. The report ranks nonattainment areas and counties across the United States, including the metropolitan Washington region in terms of severity of poor air quality. Rankings are not based on Design Values but on a method using number of code orange exceedance days. Air quality in the DC region improved. The Washington, DC/MD/VA nonattainment area moved from 14th to 16th worst for ozone and from 14th to 18th worst for daily PM. The DC region is not listed for annual PM. None of the region's counties were listed in the top 25 worst counties in the United States, but all received a grade of F for air quality because the region is in nonattainment for ozone.

### **6. Voluntary Measures Progress Reporting**

Jeff King discussed voluntary measures progress reporting. Staff continue to work with local governments to collect information on progress in meeting the voluntary commitments in the ozone and fine particle SIPs. Once the progress reporting is completed, a 3-year Evaluation Report will be prepared for submission to EPA.

## **7. Other Business**

Joan Rohlf mentioned a new proposal in Montgomery County for a carbon tax that could impact the Mirant Dickerson facility.

## **8. State and Local Air Agency Reports**

Tom Ballou reported for Virginia. Virginia is working on the regional haze SIP. DEQ is in negotiations with Mirant regarding the Potomac River Power Plant permit. Staff are currently evaluating the anticipated facility impacts of the boiler MACT rule.

Cecily Beall reported for the District. The OTC VOC regulations are in a second round of legal review. The agency has not yet evaluated the impact of the boiler MACT rule, presumably it may impact the Capitol Hill power plant.

Brian Hug reported for Maryland. Maryland is working on the regional haze SIP and RACT SIP revisions. The Section 110 SIP is out for a 3-day review. The boiler MACT rule will affect facilities in Maryland.

## **9. Set Date for Next Meeting, Future Agenda Items, Adjourn, Next TAC**

**Meeting: July 13, 2010** (note: the June 8 meeting was cancelled)