

# 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

## MWAQC TECHNICAL ADVISORY COMMITTEE

**Date: May 10, 2011**

**Time: 10:00 am to 11:30**

**TELECONFERENCE**

**Call In Number (209) 647-1000**

**Passcode 789498#**

### Agenda

- 
- 10:00 1. Call to Order and Review of Meeting Summary (April 12, 2011)**  
*Chairman Diane Franks, Maryland Department of Environment*
- 10:10 2. PM2.5 Redesignation and Maintenance Planning: Update**  
*Sunil Kumar, COG/DEP will present research results to support the planning effort.*
- 10:25 3. Climate, Energy and Environment Policy Committee (CEEPC) Progress Report**  
*Maia Davis, COG/DEP, will present a draft progress report for the CEEPC 2010-2012 Climate and Energy Action Plan.*
- 10:40 4. VIN Decoder**  
*Elena Constantine, COG/DTP, will discuss plans for use of the VIN decoder for processing DMV registration data.*
- 10:50 5. Update on Regional Energy Initiatives**  
*Jeff King, COG/DEP, will provide an update on several energy initiatives, including the Integrated Community Energy Planning Task Force, contract award to FVB Energy, draft EPA guidance on EERE in SIPs, collaborative solar procurement, and the DC Sustainable Energy Utility.*
- 11:00 6. NAAQS Update**  
*Sunil Kumar, COG/DEP, will provide an update on NAAQS actions, including the CASAC recommendations for a revised PM standard, and recent health studies for ozone.*
- 11:15 7. Congressional Actions on the Clean Air Act**  
*Jeannine Altavilla, COG/DEP, will provide a brief update of legislative initiatives in Congress related to the Clean Air Act.*
- 11:25 8. State and Local Updates**
- 11:30 9. Set Date for Next Meeting, Future Agenda Items, Adjourn**  
**Next TAC Meeting: Monday June 13, 2011**



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@mwqog.org](mailto:accommodations@mwqog.org). For details: [www.mwqog.org](http://www.mwqog.org).

**DRAFT**

**MWAQC Technical Advisory Committee  
Meeting Summary  
April 12, 2011 10:00 to 11:30  
Teleconference**

**Present:**

Monica Backmon, Prince William County  
Tom Ballou, Virginia Department of Environmental Quality  
Cecily Beall, District Department of the Environment  
Randall Carroll, Maryland Department of the 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 the Environment  
Barbara Hardy, Fairfax County Department of Health  
Brian Hug, Maryland Department of the Environment  
Jon Kinsman, Edison Electric Institute  
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality  
Doris McLeod, Virginia Department of Environmental Quality  
Bob Owolabi, Fairfax County Department of Transportation  
Jim Ponticello, Virginia Department of Transportation  
Howard Simons, Maryland Department of Transportation  
Kanti Srikanth, Virginia Department of Transportation  
Ram Tangirala, District Department of the Environment  
Chris Voigt, Virginia Department of Transportation

**Staff:**

Jeannine Altavilla, COG/DEP  
Elena Constantine, COG/DTP  
Jeff King, COG/DEP  
Sunil Kumar, COG/DEP  
Jane Posey, COG/DEP  
Joan Rohlf, COG/DEP  
Daivamani Sivasailam, COG/DTP

## **1. Call to Order and Review of Meeting Summary (March 8, 2011)**

Chairman Diane Franks called the meeting to order at 10:05. There were no changes to the March 8, 2001 meeting summary.

## **2. PM<sub>2.5</sub> Redesignation and Maintenance Planning**

Joan Rohlf and state air agency staff discussed planning for developing a PM<sub>2.5</sub> redesignation request and maintenance plan. The states have all agreed to continue work to pursue a redesignation request for PM<sub>2.5</sub> and to submit a corresponding maintenance plan. The region's air quality monitoring data continues to show compliance with the NAAQS. Under the current schedule, the emission inventories needed to complete the maintenance plan will be available in early 2012 and the final request and maintenance plan would be available for public comment in April 2012. In response to a question from Kanti Srikanth, Tom Ballou said that EPA does not need to be notified, they are aware of this initiative. The current plan would be to request withdrawal of the Attainment SIP at the time the redesignation request and maintenance plan are submitted to EPA. In response to a question, Doris McLeod said that new control measures are not required, but contingency measures will need to be included. Jim Ponticello said he would like some assurance that EPA won't take action on the mobile budgets in the Attainment SIP. EPA is currently under no obligation to take action on the Attainment SIP or the mobile budgets therein. Elena Constantine said that timely action on DMV registration data by the states and COG will be important to meet the proposed schedule. She would like to receive the data by early August.

## **3. PM Design Value (DV) Analysis**

Sunil Kumar presented the DV analysis for potential use in a PM Redesignation Request. There has been a consistent declining trend in the historical design values. The first time the design value dropped below the NAAQS was the 2003-2005 time period. 2007 was chosen as the attainment year given the availability of emission inventories.

## **4. Ozone Season Forecasting**

Sunil Kumar provided an update on air quality forecasting for the 2011 ozone season. Daily air quality forecasting for the ozone season will begin on April 14. COG and the region's air quality forecasters hold a daily forecast call for both ozone and PM. The forecast is for the next 3 days and the color code/AQI forecast is for the lead pollutant. A variety of websites, including the COG and cleanairpartners websites are automatically updated from EPA's aironowtech website. Ram Tangirala asked whether the PM AQI will be adjusted in the middle of the season if and when EPA revises the PM NAAQS. Diane Franks said that EPA may only propose the NAAQS in the summer, but it will be finalized later.

## **5. EPA Regulatory Actions**

Jeff King discussed EPA's recent actions on MACT for electric generating units. He also discussed EPA's recent actions on approval of substitute refrigerants for motor vehicle air conditioners and possible ban on the use of HFC-134a. EPA has proposed a rule to address emissions of hazardous air pollutants (HAPs) from power plants. The rule will establish strict emission limits for HAPs, including mercury and other heavy metals, as well as dioxins, PM, and other acid gases. Comments will be due 60 days after publication in the Federal Register. Under EPA's SNAP program, EPA has approved use of a new refrigerant - HFO-1234yf - that can be used in place of HFC-134a (a potent greenhouse gas used worldwide as an automobile refrigerant). EPA now plans to ban the use of HFC-134a in automobiles.

Jon Kinsman said that the MACT rule may be effective in early 2012, and there will be a 3-year compliance period with a possible 1-year extension which would be granted by states.

## **6. SO2 Area Designation Guidance**

Sunil Kumar discussed EPA's recently released area designation guidance for SO2. EPA has issued guidance for handling SO2 area designations. Areas can be classified as attainment, nonattainment, or unclassifiable. Designations will be based on monitored and modeling data. State recommendations are due to EPA in the summer 2011. One concern that has been raised is that EPA guidance specifies that modeling must be done using maximum allowable emissions in the permit, which in many cases is far above actual emissions from a facility. It will be a challenge for many states to complete the modeling for all relevant facilities by 2013.

## **7. Integrated Community Energy Planning**

Jeff King provided an update on recent activities related to advancing clean energy solutions in the region. COG will soon announce a contract award for expert consulting services to support the Integrated Energy Solutions Task Force. The statement of work includes support for identification of current local policies and programs with recommendations for potential changes to facilitate new clean energy. It also includes a task to develop information on the costs and benefits of available clean energy resources as well as the business case for select approaches. Proposals were due on March 28. Doris McLeod asked that the project team consider staffing impact of more widespread use of CHP or district energy compared to our current generation fleet.

## **8. State and Local Updates**

Cecily Beall reported for the District. Internal drafts of the revised OTC VOC and CTG rules are complete. The next step is to do legal sufficiency review and then will have to re-propose. EPA also took action on the District's Infrastructure SIPs.

Tom Ballou said that Virginia continues to make progress on completing the Regional Haze SIP.

Diane Franks said that Maryland is also preparing a Regional Haze SIP. Maryland is also working on the NSR rule and SO2 designations.

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

Next TAC Meeting: May 10, 2011