

MWAQC Technical Advisory Committee
Meeting Summary
September 10, 2013
10:00 AM to 11:30 AM

Present:

Cecily Beall, District Department of the Environment
Ram Tangirala, District Department of the Environment
Tom Ballou, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Thomas Foster, Virginia Department of Environmental Quality
Elizabeth Gayne, Virginia Department of Environmental Quality
Austina Casey, District Department of Transportation
Brian Hug, Maryland Department of the Environment
Roger Thunell, Maryland Department of the Environment
Molly Berger, Maryland Department of the Environment
Howard Simons, Maryland Department of Transportation
Jim Ponticello, Virginia Department of Transportation
Chris Voigt, Virginia Department of Transportation
Barbara Hardy, Fairfax County Health Department
Edward Nantamu, Fairfax County Health Department
Gwen Kennedy, Loudoun County
Ana Prados, Fairfax County Federation of Citizens Association
Jeff Harn, Arlington County
Walter Sidlock, Metropolitan Washington Airport Authority
Khoa Tran, City of Alexandria
Monica Backmon, Prince William County

Staff:

Sunil Kumar, COG/DEP
Joan Rohlf, COG/DEP
Jeff King, COG/DEP
Elena Constantine, COG/DTP

1. Call to Order and Review of Meeting Summary

Cecily Beall called the meeting to order at 10:00 AM. The July 9, 2013 meeting summary was approved without any changes.

2. Ozone Data Summary

Sunil Kumar briefed on the 2013 ozone season data and also discussed trends in ozone and fine particle levels in the Washington region. There were only four ozone exceedance days observed thus far in this season. He also discussed the annual and daily 2010-2012 design values (10.5 ug/m³ and 27 ug/m³ respectively) for fine particles. Joan asked members about their opinion on how to present a slide to MWAQC about the changed relationship between 90 degree days and ozone exceedance days. Brian suggested using animation for this.

3. Base Year Emissions Inventory Submission for 2008 Ozone NAAQS

Sunil discussed a memo evaluating the region's ability to meet the 15% Reasonable Further Progress (RFP) emission reduction requirements for the 2008 ozone standard. Emissions need to be reduced by 15 percent between the base year and the six year from the base year using VOC or NOx or soe combination of both. These RFP requirements apply in case the region is not able to meet the standard by December 2015 and gets reclassified to the Moderate nonattainment designation. The memo assumed 2011 as the base year. Therefore emissions reductions were evaluated between 2011 and 2017. Based on the analysis, which involved a number of caveats, the region barely meets the RFP requirements. Jeff and Howard asked about the increases in emissions for point sources in several jurisdictions between the two years. Doris said while the 2017 inventories were projected by MARAMA from 2007, the 2011 inventories are actual inventories from the national Emission Inventory (NEI) process. Brian said the benefits from the second phase of the Maryland Healthy Air Act may reduce 2017 emissions. The committee asked the staff to coordinate a call for the emission inventory sub-committee to discuss the development of emissions inventories for 2011, 2017, and 2018 (attainment year for moderate nonattainmnt area) in details. States decided to develop an RFP plan as part of the agreement in the PM2.5 maintenance plan for the Washington region.

4. Development of 2011 and 2017 Emissions Inventories

Sunil discussed the availability of the 2011 and 2017 inventories and the need to update and/or develop the actual and RFP adjusted base year 2011 and the 15% RFP milestone year 2017 ozone season day inventories. Doris suggested also looking at the development of the 2018 emissions inventories.

5. Maryland Greenhouse Gas Reduction Plan

Brian Hug briefed the members on Maryland Greenhouse Gas Reduction Plan published recently. The plan aims to achieve 25% reduction by 2020 from multiple sectors while creating jobs.

6. State & Local Updates

Brian Hug (MDE) said that ACAC meeting was held on September 9. The public hearings for the PM2.5 redesignation request and maintenance plan for the Baltimore nonattainment area and Washington County are scheduled on October 7 and October 8 respectively. Tom Ballou (VDEQ) said that the mid-course review for the regional haze is now out for public comments. DDOE did not have any updates.

The meeting ended on 11:30 AM.