

MWAQC Technical Advisory Committee
Meeting Summary
November 10, 2015
10:00 AM to 11:30 AM

Present:

Jessica Daniels, District Department of Energy and Environment
Tom Ballou, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Tad Aburn, Maryland Department of the Environment
Molly Berger, Maryland Department of the Environment
Kari Snyder, Maryland Department of Transportation
Lyn Ericson, Maryland Department of Transportation
Jim Ponticello, Virginia Department of Transportation
Chris Voigt, Virginia Department of Transportation
Scott Fincham, Loudoun County
Malcom Watson, Fairfax County
Calvin Lam, Fairfax County
Collen Turner, Michael Baker, Inc (for MDOT)
John Kinsman, Edison Electric Institute

Staff:

Sunil Kumar, COG/DEP
Jeff King, COG/DEP
Steve Walz, COG/DEP
Maia Davis, COG/DEP
Madison Wagner, COG/DEP
Ron Milone, COG/DTP
Jane Posey, COG/DTP
Dusan Vuksan, COG/DTP

1. Call to Order and Review of Meeting Summary

Tad Aburn called the meeting to order at 10:00 AM. The October 13 meeting summary was approved without any changes.

2. Update on PM2.5 Maintenance Plan & Mobile Budget Revision

Sunil briefed members on the PM2.5 maintenance plan and mobile budget update effort. He specifically presented the status of emissions inventories and the timeline to submit the plan to EPA. Ron talked about the status of MOVES2014 emissions inventories. He said TPB staff is also testing the MOVES2014a model and performing sensitivity tests, which would take some to complete. Sunil asked the committee members regarding developing onroad emissions using MOVES2014a. The committee members decided to use MOVES2014 for the plan update as using MOVES2014a would require significant time and could cause delay in the plan submission. Jim said there needs to be a discussion on the “safety margin” for new mobile budgets for the above plan update to accommodate VIN data changes and the uncertainties in future model changes. Tom supported the idea of discussing mobile budgets soon.

3. Maintenance Plan for 2008 Ozone NAAQS

Sunil briefed the members regarding the development of a redesignation request and maintenance plan for the 2008 ozone NAAQS. He specifically talked about the advantages of submitting this plan, requirements for redesignation, and various components of the plan. State air

agencies agreed on the need to expedite the process of quality assuring ozone data for EPA submission for the purpose of developing the 2008 ozone NAAQS maintenance plan.

4. Briefing on Multi-Sector Working Group Meeting (October 27, 2015)

Steve briefed the group on the MSWG meeting on October 27, 2015. He mentioned the MSWG's recommendation to establish a policy work-group, which will develop a consensus recommendation regarding various GHG control measures. This work group will consist of members from TPB, COG Board of Directors, and local governments and will present its recommendations to MWAQC, TPB, and CEEPC. The work-group will also look at the gap between COG GHG goals and currently projected emissions for different years in the future and will consider options on closing that gap.

5. Regional Action Plan

Jeff and Maia talked about a combined MWAQC and CEEPC survey that will be sent out in January 2016. Tad talked about the need to update MWAQC regularly on the RAP measures.

States presented various RAP measures being pursued in their respective jurisdictions. Molly discussed Phase 2 NO_x regulations for power plants, OTC solvent degreasing rule (planned to be adopted), EPA Smartway Partnership, on and off-road fleet retrofits and repowers. Tad added to this list AIM and paint rules. Jessica discussed OTC mobile equipment and repair/Auto body refinishing (MMVER) rules, which are currently in development. She talked about the OTC off-road vehicle idling rule, which was finalized in November 2015. Tom talked about the NO_x RACT, which will be published in December 2015. He also talked about "Clean Screen" remote sensing program for high emitting vehicles.

6. Briefing on Medium & Heavy-Duty Vehicle GHG Rule (Phase 2)

Jeff discussed in details EPA's proposed medium and heavy-duty vehicle GHG rule. He said that since the MOVES2014a model does not this rule incorporated, emissions benefits from this rule needs to be evaluated, which is expected to be significant.

The group asked COG staff to find out about the public comment date. Once the staff finds out and present this information in the next meeting, members will decide about developing a comment letter for MWAQC.

7. Update on OTC/MANE-VU Fall Meeting

Sunil updated the group on the OTC/MANE-VU Fall meeting held in Baltimore. He talked about various ongoing and planned efforts at OTC and MANU-VU. He specifically mentioned the status of the ongoing OTC photochemical modeling effort, OTC's effort to develop and improve emissions inventories for 2011, 2017, 2018, and 2028, and the effort to develop a tool to quickly estimate benefits from various emission control scenarios. He also talked about OTC's focus on developing high quality emission estimates for High Electricity Demand Days (HEDD) besides improving model performance and assessing attainment status and modeling needs for the 2015 ozone NAAQS revision. OTC is also evaluating a few sectors namely, heavy-duty diesel trucks, passenger vehicles, goods movement, construction equipment, and pleasure craft. OTC is also evaluating port and petroleum transfer activities, diesel I/M credits, and VMT reduction strategies, after-market converters, anti-idling rules, EPA Smartway partnership, and demand and emergency generators.

8. State and Local Updates

Jessica said DDOE has no updates. Doris said VDEQ does not have updates other than what Tom talked about earlier in the meeting. Molly said there are none at this time.

The meeting was adjourned at 11:30 am.