

MWAQC Technical Advisory Committee
Meeting Summary
June 11, 2019, 10:00 AM to 11:05 AM

Present:

Brian Hug, Maryland Department of the Environment
Alex Brun, Maryland Department of the Environment
Joseph Jakuta, District Department of Energy & Environment
Doris McLeod, Virginia Department of Environmental Quality
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Jim Ponticello, Virginia Department of Transportation
Chris Voigt, Virginia Department of Transportation
Colleen Turner, Maryland Department of Transportation
Tina Casey, District Department of Transportation
Trevor Manning, Navy Mid-Atlantic
John Kinsman, Edison Electric Institute
Norman Whitaker, Virginia Department of Transportation
Samuel Gaber, Fairfax County

Staff:

Sunil Kumar, COG/DEP
Jen Desimone, COG/DEP
Steve Walz, COG/DEP
Amanda Campbell, COG/DEP
Jane Posey, COG/DTP
Jinchul Park, COG/DTP
Dusan Vuksan, COG/DTP
Erin Morrow, COG/DTP
Stacey Cook, COG/DTP

1. Call to Order and Review of Meeting Summary

Brian Hug called the meeting to order at 10 am. The April 9th meeting summary was approved without any changes.

2. Ozone Season Update

Sunil discussed ozone and fine particles data for the 2019 ozone season until June 4th. There was only one exceedance until that day on June 1st. Doris mentioned that this event was influenced by the Canadian wildfires. Sunil said that there must have been some influence though it is hard to quantify it.

3. Update on Base Year Emissions Inventory

Sunil Kumar discussed the status of the base year 2017 emissions inventory. He asked the District and Maryland about the use of draft NEI 2017 point and non-point source inventories for the base year submittal. Joseph and Brian agreed to the use of draft data. Virginia had agreed earlier to the use of draft data.

On-road and nonroad source emissions inventories – The most current MOVES2014b model version is being used to develop emissions inventories for both on-road and nonroad sources.

States provided inputs on fuel, I/M programs, and control programs. MWAQC staff developed the 2017 meteorology using July 2017 data from the Dulles airport. Sunil said that COG staff is currently developing MOVES2014b inputs files for all jurisdictions for the ozone season day analysis for VOC, NO_x, and CO emissions for on-road and nonroad sources for the base year 2017. Dusan briefed on the status of the on-road inventory. He said that TPB is waiting for EPA's response on the question relate to the use of the 2016 vehicle registration data. Once TPB receives EPA's concurrence on the use of that data, it will move forward with MOVES2014b runs.

Event data – These are optional for NEI but required by CAA for planning inventory so required to be included for the BY submittal. Final EPA NEI2017 data would be available by September 15, 2019 so could be included in the base year emissions inventory. These emissions were included in previous SIPs as forest fire, prescribed fire, and open burning.

4. ALA State of the Air Report

Sunil briefed members on report published by the American Lung Association. The report provides the status of the air quality for the whole country every year. It includes weighted scores and grades for each county in the Washington, DC-Baltimore-Northern Virginia Combined Metropolitan Statistical Area (CSA). It also reports the top 25 most polluted CSAs/MSAs and counties for ozone and PM_{2.5} (24-hour & annual). The analysis is based on the number of code orange and above days instead of the Design Value to calculate weighted scores/grades/ranks for ozone & 24-hour PM_{2.5} for CSAs/MSAs and counties. The report used Design Value to assign grades/ranks for annual PM_{2.5} for CSAs/MSAs and counties. For ozone, the Washington-Baltimore-Arlington ranked 16th and for PM_{2.5}, it was not in the list. None of the jurisdictions in Washington, DC region is listed in top 25 most ozone or PM_{2.5} polluted counties in ALA report. Most of the Washington, DC region jurisdictions show improvement in weighted scores/grades for ozone compared to prior years. All of Washington, DC region jurisdictions show remarkable improvement in weighted scores and all have passing grades for PM_{2.5}.

Brian mentioned that MDE published a “Good News” report in response to ALA's report.

5. Briefing on the Upcoming Visualize 2045 Update

Jen briefed members on the upcoming Visualize 2045 update analysis. She described in detail the scope of work for the analysis and the project inputs. MOVES2014b will be used to develop on-road mobile emissions for all analysis years 2019, 2021, 2025, 2030, 2040, and 2045. December 2016 vehicle registration data obtained earlier for all jurisdictions will be used for this analysis. The on-road emissions in the above-mentioned analysis years will be tested against the recently approved on-road mobile budgets in the 2008 ozone NAAQS maintenance plan.

6. State & Local Updates

Brian said Maryland General Assembly gave final approval to the Clean Energy Jobs Act (SB 516), which would require 50% renewable electricity by 2030 and creates a pathway to 100% clean energy by 2040. This bill also increased the goal for the Renewable Portfolio Standard to 50%, which would become law without the signature of the Governor. The District and Virginia did not have any updates.

7. Adjourn

There being no other business, the meeting was adjourned at 11:05 am.