

MWAQC Technical Advisory Committee
Meeting Summary
June 14, 2022, 10:00 AM to 11:15 AM

Present:

Tad Aburn, Chair, Maryland Department of the Environment
Catherine Salarano, Maryland Department of the Environment
Chris Voigt, Virginia Department of Transportation
Doris McLeod, Virginia Department of Environmental Quality
Jim Ponticello, Virginia Department of Transportation
John Kinsman, Edison Electric Institute
Joseph Jakuta, District Department of Energy & Environment
Kari Snyder, Maryland Department of Transportation
Khoa Tran, City of Alexandria
Marcia Ways, Maryland Department of the Environment
Mathew Gaskin, District Department of Transportation
Regina Moore, Virginia Department of Transportation
Richard Dooley, Arlington County
Roger Thunell, Maryland Department of the Environment
Samuel Gaber, Fairfax County Department of Health
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Thatch Gerike, District Department of Energy & Environment
Thomas Foster, Virginia Department of Environmental Quality
Virginia Burke, Maryland Department of Transportation

Staff:

Sunil Kumar, COG/DEP
Jeff King, COG/DEP
Jane Posey, COG/DTP
Jen Desimone, COG/DEP
Mark Moran, COG/DTP
Tim Masters, COG/DEP

1. Call to Order and Review of Meeting Summary

Tad Aburn chaired and called the meeting to order at 10 am. The May 10th meeting summary was approved without any changes.

2. Ozone Season Summary

Sunil briefed members on the current ozone season data. There were no exceedances of ozone and 24-hour PM_{2.5} standards as of June 5, 2022.

3. Inventories For Attainment Plan & Milestone Years for Maintenance Plan

Sunil discussed the plan for the development of inventories for the attainment plan. He said that states will provide point source inventories for both 2017 and 2023 and will also provide nonpoint source inventory for 2017. COG will project 2017 nonpoint inventory to 2023 and develop onroad and nonroad inventors for both years using MOVES3 model. Model inputs will be provided by states for both years.

He discussed possible milestone years for the maintenance plan. While the baseline year

remains 2017, candidates for the attainment year are 2019, 2020, and 2021. Candidates for the intermediate year are 2026, 2027, and 2028 and for the future year 2032 and 2035.

Tad said that members should talk about control and contingency measures for both plans. He stressed the need for having a common single process for Baltimore and Washington areas and minimize meetings/calls for only very important issues as MDE is currently very busy with Clean Air Act planning.

Joseph suggested adding 2038 to the list of future year candidates, which happens to be the planning year for Regional Haze.

Doris wanted to know if there are any areas in Maryland, which needs to submit a maintenance plan. Roger said that Cecil and Baltimore counties will be submitting attainment plan. He also said that he was concerned with Sunil's statement regarding higher NOx emission from MOVES3 compared to MOVES2014. Jane said that our testing shows significantly higher NOx emission using MOVES3. Jim said that the higher NOx emission was probably due to hoteling and heavy-duty vehicles.

Doris noted that the industrial emissions were relatively less impacted by the pandemic while on road and aircraft emissions seemed to have decreased because of lower VMT and LTOs respectively. She further said that that she wasn't sure if the 2021 data will be available in time for the maintenance plan. Looking at all these issues, she thought that 2019 could be good for the attainment year. Jim said that he read a report somewhere that the Travel Demand Model did not pick up lower 2020 emissions data. Jane conformed what Jim said. Roger mentioned that EPA's area source inventory relied on employment data which being low in 2020 may generate lower than usual 2020 area source inventory. He also thought that 2019 could be good for the attainment year. Jane was fine with 2019 too. Sunil asked if 2026 seems to be good for the intermediate year provided EPA allows it as EPA already developed inventory for that year for its ozone transport rule modeling. However, he said that if the region decides to go with 2019 as the attainment year and 2038 as the future year, then we may have to look at either 2028 or 2029 as the intermediate year. Joseph was fine with 2026 as the intermediate year and both 2019 and 2020 as the attainment year. He said that the advantage of 2020 is availability of the NEI 2020 data and therefore it will be less resource intensive to produce the 2020 inventory but understands the low emission issues with 2020. Doris said that EPA has also been stressing in the recent past on the use of NEI years for plans so that is another issue to consider. Doris said that 2035 and 2038 look good for future years as 2032 might not meet the 12 years criteria. She said that she prefers 2028 for the intermediate year but any year that needs least resources could work.

Members decided to discuss the growth surrogates for projecting nonpoint and MAR source inventories in the July TAC meeting.

4. EPA Electric School Bus Initiative

Tim Masters discussed EPA's Clean School Bus Rebates program. This program provides \$5 billion over five years (FY22-26) for the replacement of existing school buses with clean school buses and zero-emission school buses. These new clean school bus replacements will produce either zero or low tailpipe emissions compared to their older diesel predecessors. The first funding opportunity under this program will be the 2022 Clean School Bus Rebates. State and local governmental entities responsible for providing bus service to 1 or more public school systems or for the purchase of school buses, nonprofit school transportation associations, Indian tribes, tribal organizations, or tribally controlled schools, and eligible contractors are eligible applicants.

5. Follow-Up On State/Local Engagement on Clean Air Actions

Tim Masters briefed on follow-up action on state/local engagement on Clean Air Actions. Over a past couple months, a number of clean air actions were discussed. Following that there was a survey sent out to TAC members a couple of weeks ago requesting input for proposed topics as they relate to clean air actions. COG staff received a dozen responses. The top three interests shown in that survey are equity programs, building energy and efficiency measures, and anti-idling programs. He said that we can have a webinar series to discuss these three topics if members are interested in having them.

6. State/Local Updaes

Joseph said that the District finalized the GHG intensity rule, which set standards for coal fired boilers. Maryland and Virginia didn't have any updates.

The conference call ended at 11:15 am.