

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

Present:

Catherine Salarano, Maryland Department of the Environment
Chris Voigt, Virginia Department of Transportation
Dan Goldberg, George Washington University
Emily Bull, Maryland Department of the Environment
Jim Ponticello, Virginia Department of Transportation
John Kinsman, Edison Electric Institute
Joseph Jakuta, District Department of Energy & Environment
Kari Snyder, Maryland Department of Transportation
Malcolm Watson, Fairfax County Department of Transportation
Marcia Ways, Maryland Department of the Environment
Ram Tangirala, District Department of Energy & Environment
Regina Moore, Virginia Department of Transportation
Richard Dooley, Arlington County
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
Dusan Vuksan, COG/DTP
Jeff King, COG/DEP
Jane Posey, COG/DTP
Jen Desimone, COG/DEP
Jinchul Park, COG/DTP
Leah Boggs, COG/DEP
Mark Moran, COG/DTP
Tim Masters, COG/DEP

1. Call to Order and Review of Meeting Summary

Sunil Kumar called the meeting to order in absence of the Chair at 10 am. The June 14th meeting summary was approved without any changes.

2. Ozone Season Summary

Sunil briefed members on the current ozone season data. There were three exceedances of the ozone standard and 1 exceedance of the 24-hour PM_{2.5} standard as of July 5, 2022. The draft ozone design value for 2020-2022 was 67 ppb. Joseph mentioned that looking at the current data at McMillan monitor, it make sense to keep working on the attainment plan.

Tom asked COG staff to provide a write-up on the status of the 22 data at different monitors and what that means for the region's attainment.

3. Control and Contingency Measures

Sunil discussed various issues related to contingency measures. He specifically discussed information included on contingency measures in the Clean Air Act for attainment and maintenance plans. He also discussed recent court cases regarding contingency measures. Tom said that he had no recent interaction with EPA on this issue. Jeff said that we need more information on the modeling to know if we need new measures or existing ones will work.

Tim Masters discussed the list of existing and potential control measures. Tom said that a very small list of measures is available for contingency measures. There are not many point source controls left. The situation may be similar in Maryland. Several coal power plants have been retired. Tom said that CAA requires that to be eligible to be a contingency measure, it has to be implementation ready, which will be very difficult in both Maryland and Virginia where adopting such a measure is going to be very difficult if it is not going to be necessarily implemented. Emily Bull said that most of the coal based EGUs in Maryland are either already retired or are going to be retired soon. Oil based EGUs are not in operation. Only gas based EGUs are currently operating.

4. Non-Point & Mar Sources Growth Surrogates for Attainment Plan & Milestone Years for Maintenance Plan

Sunil informed members that proposed growth surrogates for projecting non-point and marine, air, and rail source emissions to the attainment plan year 2023 has been sent to states for their review.

Sunil also discussed possible milestone years for the maintenance plan. There are currently three milestone years available for that can work as an attainment year. They are 2019, 2020 and 2021.

2020 – Low emission year, onroad emission estimates may not represent actual 2020 emission due to TDM limitations.

2021 – May not be available in time for the plan.

2019 - EPA likes NEI year so could be an issue with EPA.

Joseph said that he likes 2020. Tom said that that could be an issue for showing downward emissions trends in future years. Emily said that she will talk to Ted about it. Sunil enquired about the timeline for taking the question on milestone years for the maintenance plan to EPA. Tom replied that it could be in October (at the end of the ozone season).

The intermediate year could be 2026 or 2028.

2026 (EPA ozone transport modeling year, inventory available)

2028 (DEQ's preference)

The future year could be 2032, 2035, and 2038.

2032 (EPA ozone transport modeling year, may not meet 12 year criteria)

2035 (Seems appropriate for 2023 submittal, meets 12 years criteria)

2038 (Regional Haze Planning Year)

5. State/Local Updates

There were no updates.

6. Other Business

Sunil asked Emily about the status of the modeling work. He wanted to know if results could

be presented in the September MWAQC-TAC. Emily said that University of Maryland is working on the 2016 base year inventory QA/QC. She further said that that most modeling work will probably be completed by October so MDE can provide some update to MWAQC0-TAC in September. Sunil said that he will contact MDE in September before the MWAQC-TAC meeting about it.

The conference call ended at 11:30 am.