

MWAQC Technical Advisory Committee
Meeting Summary
January 14, 10 AM to 11:50 AM

Present:

Joseph Jakuta, District Department of Energy & Environment
Allyson Frantz, Virginia Department of Environmental Quality
Brittany Whited, District Department of Energy & Environment
Chris Voigt, Virginia Department of Transportation
Dawn Hawkins-Nixon, Prince George's County
Doris McLeod, Virginia Department of Environmental Quality
Emily Bull, Maryland Department of the Environment
Gwendolin McCrea, Virginia Department of Environmental Quality
Jennifer Roelke, Maryland Department of the Environment
Jim Ponticello, Virginia Department of Transportation
Joseph Jakuta, District Department of Energy & Environment
Kari Snyder, Maryland Department of Transportation
Marcia Ways, Maryland Department of the Environment
Melissa Atwood, City of Alexandria
Naomi Cohen-Shields, District Department of Transportation
Regina Moore, Virginia Department of Transportation
Roger Thunell, Maryland Department of the Environment
Sophia Cortazzo, Maryland Department of Transportation
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Thatch Gerike, District Department of Energy & Environment
Thomas Foster, Virginia Department of Environmental Quality
Tom Ballou, Virginia Department of Environmental Quality
Virginia Burke, Maryland Department of Transportation
Mohamed Khan, Maryland Department of the Environment
Dave Snyder, City of Falls Church
Kristin Mink, Montgomery County
Kenny Boddy, Prince William
Thomas Dernoga, Prince George's County
Noble Smith, Maryland Department of the Environment

Staff:

Sunil Kumar, COG/DEP
Alissa Boggs, COG/DEP
Dusan Vuksan, COG/DTP
Erin Morrow, COG/DTP
Heidi Bonaffon, COG/DEP
Jane Posey, COG/DTP
Jeff King, COG/DEP
Jinchul Park, COG/DTP
Leah Boggs, COG/DEP
Mark Moran, COG/DTP
Robert Christopher, COG/DEP
Robert d'Abadie, COG/DTP
Tim Masters, COGDEP
Wanda Owens, COG/DTP

1. Call to Order & Review of Meeting Summary

Joseph Jakuta called the meeting to order at 10 AM. The December 10th meeting summary was

approved without any changes.

2. EPA Response to Questions Regarding 2015 Ozone NAAQS RR/MP

Sunil Kumar discussed the response received from EPA regarding the list of questions sent to them. EPA noted that all documents (RACT, nonattainment NSR, etc) required as part of the 2015 ozone NAAQS, must be approved before EPA can approve the RR/MP. Doris said that she would ask EPA if RACT is necessary for the plan approval. EPA said that the BY2017 onroad and nonroad inventories don't need to be updated with MOVES5 as they satisfy the CAA 172(c)(3) SIP requirement for redesignation¹. Regarding the use of MOVES4 vs MOVES5 for developing inventories for the above RR/MP, EPA cited the MOVES5 policy guidance that stated that the new model should be used in ozone, CO, PM, and NO2 SIP development as expeditiously as possible, as there is no grace period for the use of MOVES5 in SIPs. States should use the latest version of MOVES that is available at the time that a SIP is developed. Members agreed to use MOVES5 to update the BY2017 inventories. EPA agreed with the proposed milestone years (2022, 2032, and 2038) for the plan.

On the question related to emission reduction credits for retired power plants, EPA said that if the shutdowns were accounted for in the modeling platform when the emissions projections were done, then it would not need to be a separate line item, just a discussion point. If the shutdowns were not accounted for in the emissions projections, then they would need to be zeroed out from the projection inventories.

3. 2015 Ozone NAAQS RR/MP Emissions Inventory & Schedule

Sunil Kumar discussed the draft schedule. He asked if EPA EMP inventory data looks good for use in the plan. Doris said she was generally fine with the 2022 data but make changes to a few sources such as municipal solid waste. She said that MWAA could provide information on airport emissions and that they would agree with EPA's projections for quasi-point source emissions. Riger said that he has not looked at Andrews AFB for emissions projections. Roger said that he would like to make changes to point source emissions. Joseph does not expect much changes. Sunil mentioned that the current schedule was based on MOVES4, but since members want to use MOVES5, an updated schedule will be presented to TAC in February.

4. Discussion On EJ Subcommittee/Action Plan Measures

Rober Christopher led the discussion On EJ Subcommittee measures. Members of the EJ subcommittee were present at the meeting and discussed different measures in the list. Dave Snyder made opening remarks regarding the measure list. He asked TAC members to identify measures that can be implemented. Kriston Mink said that the goal was to compile a list so an action could be taken. She asked TAC members to provide feedback on each measure and identify issues in their implementation. Joseph Jakuta identified resource limitation as a significant concern in implementing a few measures in the list. Kenny Boddy agreed with Kristin and Dave.

Roger had concerns regarding the feasibility of setting air quality standards based on cumulative risk assessments due to resource constraints. Tom said that EPA is responsible for setting standards and they have started to investigate cumulative risk assessments in that process. Kristn said that the goal is to that measure in the list as the EJ subcommittee received feedback about that and not to implement it right away.

Enhanced enforcement of fugitive dust sources was also seen as resource intensive and potentially low impact compared to other priorities. Dave emphasizes the need for more resources and a focus on enforcement of stationary sources in EJ areas. Doris McLeod raises questions about how marginalized areas are defined and the potential impact of enforcement in different areas. She suggested that proper communication is necessary in how some of the

¹ Note: EPA later clarified in the planning call in January 2025 with VDEQ that they misunderstood the question and said that the update would be required for comparing onroad and nonroad emissions for redesignation request purposes.

measures are presented in the list. Joseph said that there may be a disconnect between what the District is doing and what the community knows about enforcement actions. Dave wanted to focus on enforcement on stationary sources. Roger asked if a particular facility should be targeted for enforcement in relation to its permit limit or because it is in an EJ area. Dave asked if the permit limit is adequate for maintaining good air quality in those areas. Kristin wanted to get feedback on this issue. Dave wanted to get feedback on issues for the implementation of those measures. VMT was recognized as a transportation issue and should be dealt with by TPB.

5. Potential MWAQC-TAC Agenda Items For 2025

Sunil Kumar discussed a list of potential items for MWAQC-TAC meetings in 2025. Those include ozone season updates, tracking the status of EPA's final rules on the Attainment by Attainment Date, Clean Data Determination, and final EPA waiver for Exceptional Events in addition to tracking the continued attainment of the 2015 ozone NAAQS and the 2024 primary annual PM2.5 NAAQS. Discussions will be held on the development of the 2015 ozone NAAQS Redesignation Request/Maintenance Plan (RR/MP), associated inventories, MVEBs, and contingency measures. Further discussion on Environmental Justice Subcommittee measures will also be held. Briefings will be provided on greenhouse gas emission reduction measures providing co-benefits for precursors of criteria pollutants (ozone, PM2.5). Briefing on the transportation conformity analysis will be provided and a common letter for MWAQC may be developed for TPB if needed. Regular briefings will be presented on new federal rules/regulations in addition to changes to existing rules/regulations. Recommendations will be made to MWAQC for comment on those proposed changes. Presentations will be given on the latest air quality science research relevant to air quality in the Washington region. Presentations will be invited by state and local agencies on new measures and projects relevant to air quality in the Washington region. The 2025-2026 MWAQC work program & budget will be presented. A possible joint MWAQC-TAC/BEEAC meeting will be explored to discuss issues related to data center energy consumption and air quality. A progress report on the Regional Climate Plan will be presented as they relate to air quality.

Joseph suggested including analyses of exceedances in ozone season reports. If there are not any exceedances, then presentations could be short. He also suggested discussion on emission impacts from food trucks and mopeds and transported air pollution.

6. Announcement Of MWAQC-TAC Stakeholders For 2025

Joseph Jakuta announced that Antoinette Thompson of GWRCCC was reappointed as a stakeholder for 2025.

7. State/Local Updates

Roger said that MDE was trying to finalize the 2013 EIS data. Tom said VDEQ didn't have any updates for Virginia. Joseph said that DOEE was trying to finalize emission inventory submission and minor technical correction to RACT rule that is currently undergoing public comments.