MWAQC Technical Advisory Committee
Meeting Summary
April 14 10:00 AM - 11:25 AM

Present:
Roger Thunell, Maryland Department of the Environment
Allyson Frantz, Virginia Department of Environmental Quality
Catherine Salarano, Maryland Department of the Environment
Danielle Simms, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Emily Bull, Maryland Department of the Environment
Hawi Kitila, Maryland Department of the Environment
Jennifer Roelke, Maryland Department of the Environment
Jim Ponticello, Virginia Department of Transportation
Joseph Jakuta, District Department of Energy & Environment
Kane Samuel, District Department of Energy & Environment
Kirti Rajpurohit, District Department of Transportation
Marcia Ways, Maryland Department of the Environment
Melissa Atwood, City of Alexandria
Regina Moore, Virginia Department of Transportation
Richard Dooley, Arlington County
Sandra Marks, District Department of Transportation
Scott Fincham, Loudoun County
Sophia Cortazzo, Maryland Department of Transportation
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Thomas Foster, Virginia Department of Environmental Quality
Tom Ballou, Virginia Department of Environmental Quality
Virginia Burke, Maryland Department of Transportation

Staff:
Sunil Kumar, COG/DEP
Alissa Boggs, COG/DEP
Dusan Vuksan, COG/DTP
Erin Morrow, COG/DTP
Jen Desimone, COG/DEP
Jinchul Park, COG/DTP
Leah Boggs, COG/DEP
Maia Davis, COG/DEP
Robert d'Abadie, COG/DTP
Wanda Owens, COG/DTP

1. Call to Order & Review of Meeting Summary

Roger Thunell called to order it at 10 AM. The March 10th meeting summary was approved with a correction in the state/local update section. Maryland had not yet finished its legislative session as of March 10, 2026 as noted in the summary.

2. 2015 Ozone NAAQS RR/MP Inventory

Sunil Kumar discussed the status of the inventory for the 2015 ozone NAAQS RR/MP.

Nonpoint & MAR Source Inventories

Members decided to project 2022 nonpoint and MAR source emissions to 2032 and 2038 using COG Cooperative Forecast Round 10.0. There was a discussion on the source of GSE emissions to be used in the plan. Members decided to use EPA EMP 2022v1 data for all jurisdictions for which data is available (FIPS codes: 24033, 51013, and 51107). For rest of the jurisdictions, MOVES5.0

data will be used. MOVES5.0 GSE data is available for all counties and cities within the Washington region. Therefore, MOVES5.0 GSE emission data will be deleted from model outputs for the above three jurisdictions.
Maryland supplied additional nonpoint sources that were missing in EMP 2022v1 database so nonpoint emissions were updated to include this additional data. A list of proposed growth surrogates was earlier shared with members in the March 2026 meeting. Maryland subsequently made changes to that list for its jurisdictions. Growth factors based on COG Cooperative Forecast Round 10.0, VMT, Lane miles, and Gas sales were developed for those growth surrogates and then used to project nonpoint and MAR source inventories for 2032/38. Control factors are available from the EMP 2022v1 database for a few nonpoint SCCs. They were applied to develop final controlled inventories for those SCCs.

Point Source Inventories
2022: All ozone season day inventories are available.
2032/38: DC and VA inventories are available. MD is working to finalize their inventories.

Quasi-Point Source Inventories
2022/32/38:
Virginia decided to classify Dulles and National airports as quasi-point sources. Andrews AFB is already classified as a quasi-point source in Maryland.

Onroad Source Inventories
All inventories are complete.

COG staff was asked to hold a conference call in next couple of weeks to discuss MVEBs and safety margins for the plan.

3. MWAQC FY2026-27 Work Program & Budget

Jen Desimone briefed members on the draft MWAQC FY2026-27 Work Program & Budget. The work program focused on keeping the region in attainment with the 2015 ozone standard through continued monitoring, regulatory tracking, transportation conformity reviews, and targeted initiatives to reduce pollution and protect communities facing unhealthy air. MWAQC's core work areas are emissions inventory development, regional control measures, mobile emissions and conformity analysis, public participation, committee support, and program management. A modest year-over-year increase was proposed supported by the carryforward fund. Jen discussed the approval timeline. Members agreed to recommend it to MWAQC for approval.

4. Washington Region Greenhouse Gas Inventory

Maia Davis briefed members on the Washington regions; greenhouse gas inventory, She discussed greenhouse gas inventory trends across the Metropolitan Washington region, highlighting a 20% net emissions reduction from 2005–2023 and explaining the main drivers behind that change through a contribution analysis. Greenhouse gas emissions decreased by 20% from 2005 to 2023, despite 23% population growth. Buildings and transportation account for 90% of regional greenhouse gas emissions, with data centers contributing 11%. She reviewed the regional electric grid and recent electricity and natural gas trends, including progress and considerations around grid-connected renewable energy systems, and links to the finalized inventory deliverables (fact sheets, data summaries, methodology report, and a video).

5. State and Local Updates

Maryland and Virginia didn't have any updates. Joseph said that the District published a proposal for the public comment to certify our Nox and VOC presumptive RACT and existing permit conditions for the moderate ozone nonattainment standards. The District finalized technical corrections to its odor regulations on April 10th to clarify some permitting requirements that come with installing Odor controls. The District has successfully installed its 4th community air quality monitoring benches and the QAPP has now been conditionally approved by EPA so they're collecting data and will be

displayed on the website soon. The District hit the halfway mark in getting its clarity nodes installed. 28 clarity nodes are out in the field collecting Ozone, PM, and NO data.