

MWAQC Technical Advisory Committee
Meeting Summary
February 10 10:00 AM - 11:10 AM

Present:

Roger Thunell, Maryland Department of the Environment
Anna Marshall, Baltimore Metropolitan Council
Catherine Salarano, Maryland Department of the Environment
Chris Voigt, Virginia Department of Transportation
Danielle Simms, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Gregory Becoat, EPA Region 3
Jim Ponticello, Virginia Department of Transportation
Joseph Jakuta, District Department of Environment
Regina Moore, Virginia 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

Staff:

Sunil Kumar, COG/DEP
Alissa Boggs, COG/DEP
Dan Sheehan, COG/DTP
Dusan Vuksan, COG/DTP
Erin Morrow, COG/DTP
Jeff King, COG/DEP
Jen Desimone, COG/DEP
Jinchul Park, COG/DTP
Leah Boggs, COG/DEP
Mark Moran, COG/DTP
Robert d'Abadie, COG/DTP
Robert Christopher, COG/DEP
Wanda Owens, COG/DTP

1. Call to Order & Review of Meeting Summary

Roger Thunell called to order it at 10 AM. The January 13th meeting summary was approved without any changes.

2. State of the Commute Report

Dan Sheehan briefed members on the State of the Commute report.

The report highlights major shifts in regional commuting behavior in the metropolitan Washington region. The survey provides the first stabilized view of commuting patterns after the pandemic. Results show that telework remains significantly higher than pre-pandemic levels, stabilizing at 48% of workers in 2025 compared with 34% in 2019, although it declined from the pandemic peak in 2022. Hybrid work has expanded, averaging 2.3 telework days per week, which continues to influence travel demand. Despite this, drive-alone commuting has rebounded to 57%, again becoming the dominant commute mode. Transit use has recovered strongly, increasing to 22% in 2025 after dropping during the pandemic, largely due to improvements in reliability and restored service. Carpooling remains low (3%), while walking and biking remain stable and report the highest satisfaction levels. Average commute distance (~17 miles) and time (~40 minutes) remain similar to pre-pandemic levels, although transit trips are longer. Overall commuter satisfaction is about 50%, with notable improvements in transit satisfaction and declining satisfaction for drive-alone travel. The findings suggest that the region is entering a “new normal” commuting landscape, where hybrid work, improved transit reliability, and shifting commuter priorities—such

as reducing stress and using travel time productively—will shape future transportation planning and demand management strategies.

3. 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

Projected 2032 and 2038 emissions were developed for most SCCs using 2022 OSD/annual ratio and annual emissions for each SCC for 2032 and 2038 from EPA's EMP 2022v1 database. Emissions for a few SCCs were kept at the 2022 level.

GSE and railway maintenance emissions that are part of MAR sources were developed using MOVES5 instead of acquiring them from the EMP Database. This was agreed to in the November 2025 meeting of MWAQC-TAC. QA/QC work is going on to make sure all SCCs are accounted for. Next, staff will undertake projections for 2032/38 using COG Cooperative Forecast Round 10.1 .

Point Source Inventories

2022: All ozone season day inventories are available.

2032/38: DC and VA inventories are available. MD is working on these inventories.

Onroad Source Inventories

MOVES5 runs are complete for all four milestone years. Currently, MWAQC staff is reviewing input/runspec/auxiliary/output files. This process is expected to be completed by the end of this month. TPB staff will likely present the details of onroad inventories in the March meeting of MWAQC-TAC.

Roger Thunell said that emissions from Andrews AFB should be kept as quasi-point source.

Tom Ballou said DEQ will decide soon whether Dulles and National airports should be assigned to quasi-point or airport source.

4. State and Local Updates

Maryland and Virginia didn't have any updates. The District has finalized the rule to allow boiler tuning for the entire year under the NOx RACT program.