MWAQC Technical Advisory Committee
Meeting Summary
July 10, 2018, 10:00 AM to 11:45 AM

Present:
Cecily Beall, District Department of Energy & Environment
Ram Tangirala, District Department of Energy & Environment
Tom Ballou, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Brian Hug, Maryland Department of the Environment
Alex Brun, Maryland Department of the Environment
Marcia Ways, Maryland Department of the Environment
Chris Voigt, Virginia Department of Transportation
Regina Moore, Virginia Department of Transportation
Tina Casey, District Department of Transportation
Colleen Turner, Maryland Department of Transportation
John Kinsman, Edison Electric Institute

Staff:
Sunil Kumar, COG/DEP
Jen Desimone, COG/DEP
Jane Posey, COG/DTP
Dusan Vuksan, COG/DTP
JC Park, COG/DTP
Erin Morrow, COG DTP

1. **Call to Order and Review of Meeting Summary**
   Cecily Beall called the meeting to order at 10 am. The May 8th meeting summary was approved without any changes.

2. **Ozone Season Summary**
   Sunil Kumar presented the summary of the ozone season data as of July 8th. There were 5 code orange days until that day, which were all influenced by both local and transported emissions. The draft design values for 2018 is 72 ppb based on data thus far.

3. **"What Can We Do" Measures**
   Sunil discussed the highlights of the meeting held on June 21st for the "What Can We Do" effort. A number of representatives for the local governments in the Washington region participated in this meeting and discussed various control measures suggested by COG staff. The discussion focused on the following priority NOx emission control measures:

   - Alternative fueled vehicles, retrofits and re-powers for heavy-duty (Class 6 plus) truck, and anti-idling measures
   - Nonroad diesel engine retrofits, rebuilds and anti-idling measures
   - Communications: public outreach and education, professional training, state and federal advocacy
   - Green infrastructure and heat island mitigation
   - Energy efficiency/Renewable energy

- Building-level energy efficiency/renewable (EERE) energy
- Green power purchasing
- Battery storage

The following were the main areas of interest in further work from the feedback at the work session:

- Transportation programs and planning to reduce emissions from light-duty vehicles by encouraging increased reliance on alternative modes, for example, improving bicycle and pedestrian infrastructure, rideshare and telework programs,
- Reducing emissions from heavy duty on-road vehicles and construction equipment, especially anti-idling,
- Peak shaving with battery storage and reducing peak emissions from back-up generators
- Education, outreach, and advocacy
- Tree and forest cover and green infrastructure for air quality, water quality, and community benefits

Cecily Beall asked if links to the transportation program details will be included in the WWCD document. Sunil agreed to include this in the document.

4. **Draft MWAC Comment Letter – EPA Proposed Transparency Rule**
   Sunil Kumar discussed the draft MWAQC letter for EPA's proposed Transparency rule. Members agreed to recommend it to MWAQC for the final review and approval for sending it to EPA.

5. **Performance Based Planning & Programming – Regional Targets for CMAQ Emission Reduction Measures**
   Jane Posey discussed the regional targets for Congestion Mitigation and Air Quality Improvement Program (CMAQ) emission measures, which were set up as part of the Performance Based Planning and Programming requirements. Ozone precursors namely, Volatile Organic Compounds (VOCs) and Nitrogen Oxides (NOx) are the only pollutants for which the region needs to report on CMAQ Program Emissions Reduction. Total emissions reduction is calculated by summing 2-and 4-year totals of emissions reductions of applicable criteria pollutant and precursor, in kilograms per day, for all projects funded with CMAQ funds. Targets must reflect cumulative emissions reduction for CMAQ funded projects in federal fiscal years FY 2018-2019 (2-year) and FY 2018-2021 (4-year). Targets for VOCs emissions for FFY 2018-19 and FFY 2018-21 are 1.8376 kg/day and 2.1950 kg/day respectively. Targets for NOx emissions for FFY 2018-19 and FFY 2018-21 are 4.0194 kg/day and 4.7026 kg/day respectively.
   Ram asked about the source of data for the year 2014 for VIC and NOx emission on the slide 11. Jane said those were extracted from the CMAQ PAS database. Ram asked if those3 are annual or cumulative targets. Jane said that those are cumulative targets. Ram observed that those targets look rather small. He asked about the amount to be spent on the CMAQ projects. Jane said that about $272 m out of the total of $18 b has been allotted for expenditure for six years. Ram, Tom, and Doris observed that those emission reduction measures do not seem to be very cost effective.

6. **EPA Updates**
   Sunil Kumar discussed EPA's Call for Information on Adverse Effects of Strategies for Attainment and Maintenance of National Ambient Air Quality Standards, which was published on June 26, 2018. The Section 109(d)(2)(C)(iv) of the Clean Air Act requires the independent scientific review committee (CASAC) to ''advise the EPA Administrator of any

adverse public health, welfare, social, economic, or energy effects which may result from various strategies for attainment and maintenance of such'' NAAQS. To facilitate the CASAC's consideration of such effects, the EPA requested interested parties to submit such information.

Sunil also discussed EPA's Call for Scientific and Policy-Relevant Information for the Review of the National Ambient Air Quality Standards for Ozone. EPA announced on June 26, 2018 that the Office of Air Quality Planning and Standards (OAQPS) and the Office of Research and Development's National Center for Environmental Assessment (NCEA) are preparing an Integrated Review Plan (IRP) and an Integrated Science Assessment (ISA) as part of the review of the air quality criteria and the National Ambient Air Quality Standards (NAAQS) for ozone (O3) and related photochemical oxidants. The IRP will summarize the plan for the review, including the initial identification of policy-relevant issues and questions to frame the review. The ISA will build on the scientific assessment conducted for the last O3 review, focusing on assessing newly available information since the last assessment. Interested parties are invited to assist the EPA by submitting information regarding significant new O3 research and policy-relevant issues for consideration in this review of the primary (health-based) and secondary (welfare-based) O3 standards.

7. **State & Local Updates**

Tom – None.

Brian – The Section 126 petition was denied by EPA. MDE is appealing that decision. MDE does not agree with EPA's method of handling the CSAPR close out rule.

Cecily – The District is interested in a MWAQC comment letter on EPA's CSPAR close out rule. Brian said MDE is developing a letter on this rule. Cecily also mention that the District submitted the VW Mitigation Plan to the Trust.

8. **Adjourn**

There being no other business, the meeting was adjourned at 11:45 am.