MWAQC Technical Advisory Committee
Meeting Summary
January 9, 2024, 10 AM to 11:25 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
Dan Goldberg, George Washington University
Danielle Simms, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Gwendolin McCrea, Virginia Department of Environmental Quality
Hannah Ashenafi, District Department of Energy & Environment
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
Melissa Atwood, City of Alexandria
Ram Tangirala, District Department of Energy & 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
Jill Hamilton, Sustainable Energy Strategies, Inc

Staff:
Sunil Kumar, COG/DEP
Alissa Boggs, COG/DEP
Jane Posey, COG/DTP
Jeff King, COG/DEP
Leah Boggs, COG/DEP
Tim Masters, COGDEP

1. **Call to Order and Review of Meeting Summary**
   Roger Thunell called the meeting to order at 10 AM. The November 14th meeting summary was approved without any changes.

2. **DOEE/Aclima Air Pollution Study in EJ Areas**
   Joseph Jakuta briefed members on the air pollution study conducted in a number of EJ areas in the District. In June 2023, Aclima conducted two weeks of hyperlocal mobile air quality measurement across 3 neighborhoods specified by DC-DOEE (Ivy City / Brentwood, Buzzard Point, Mayfair). Those were Mayfair, Ivy City/Brentwood, and Buzzard Point (5 census tracts total). Carbon dioxide, fine particulate matter, nitrogen dioxide, carbon monoxide, ozone, black carbon, methane, and TVOCs were measured. Criteria pollutants namely, fine particulate matter, nitrogen dioxide, carbon monoxide, and ozone were found to be below their respective standards in all areas.

3. **100% Biotechnology Solutions**
   Jill Hamilton briefed members on health and emission benefits from the use of B100 fuel. She described a system that utilizes both Biodiesel and Diesel fuels. The use of the B100 fuel

produces 75% less carbon, 80% less particulate matter, and 42% less CO emissions. Health benefits worth $262 millions can be realized in the District with the use of this fuel.

4. Exceptional Events Exemption Request

State air agency staff of the District, Maryland, and Virginia briefed members on the status of their requests to EPA to grant exceptional exemption for high ozone and/or PM2.5 days in 2023. Roger said that Maryland's request will be up for public comment until January 20th. A total of 5 events have been requested for exemption of which 3 are multi-day.

Joseph said that the District will start its public comment after January 16th after receiving feedback on its request from EPA. The District plans to apply for 3 days involving 2 events. Doris said that Virginia doesn't plan to file for request but that could change if there is a tighter PM2.5 NAAQS in the future.

5. MWAQC-TAC Topics for 2024

Sunil discussed a list of possible topics that MWAQC-TAC could discuss in 2024.

Doris said that Virginia's priority will be to develop a redesignation request and a maintenance plan for the 2015 ozone standard after the request for the waiver of exceptional data in 2023 has been granted by EPA. The above plan could use the base year 2022, intermediate year 2028, and final maintenance yar 2032 inventories developed by EPA for various regulatory modeling purposes. Roger said that there are a number of issues with those inventories for Maryland so it would have to develop new inventories. He pointed out issues with small airports, industrial surface coating, and consumer solvents. Doris agreed on airports data though EGU and industrial point sources data coming from Title V permit, nonpoint data, and MOVES generated nonroad data should be good. Joseph pointed out that some data could be submitted now as EPA is in the process of collecting some data.

6. Announcement of Draft Air Quality Trends Report

Sunil informed that a draft air quality trends report is now available and requested members to send their feedback by January.

The meeting ended at 11:25 am.