

MWAQC Technical Advisory Committee
Meeting Summary
February 13, 2018, 10:00 AM to 11:45 AM

Present:

Ram Tangirala, District Department of Energy & Environment
Alexandra Catena, 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
Karen Collins, Virginia Department of Environmental Quality
Marcia Ways, Maryland Department of the Environment
Alex Brun, Maryland Department of the Environment
Colleen Turner, Maryland Department of Transportation
Jim Ponticello, Virginia Department of Transportation
Chris Voigt, Virginia Department of Transportation
Tina Casey, District Department of Transportation
John Kinsman, Edison Electric Institute
Malcolm Watson, Fairfax County

Staff:

Sunil Kumar, COG/DEP
Steve Walz, COG/DEP
Jen Desimone, COG/DEP
Ron Milone, COG/DTP
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

Ram Tangirala (Acting Chair) called the meeting to order at 10 am. The January 9th meeting summary was approved without any changes.

2. Update on Inspection/Maintenance Programs

State air agencies provided updates to their respective I/M programs. Karen, Marcia and Ram discussed the updates for Virginia, Maryland, and the District respectively. Karen discussed the updates for Virginia. Sunil asked the meaning of fail and abort tests. Karen said that fail/abort vehicles have to pass the tests before they could be re-registered. Marcia asked how VDEQ tackles the effectiveness of vehicle repair stations. Karen said VDEQ can track the shop repairs as the vehicle analyzer in the shops upload vehicle repair data, which VDEQ can access and approve or disapprove. Steve asked about the out of state high emitter vehicles. Karen said VDEQ relies on its state vehicle database to flag such vehicles. For this reason, it cannot flag vehicles from other states. VDEQ also cannot issue notices to non-I/M area vehicles. Marcia discussed the updates for Maryland. She said that Maryland recently decentralized its I/M program and also introduced a few changes such as, model exemption to three years, testing of pre-OBD light-duty vehicles no longer being undertaken, and introduction of kiosks for emissions testing. Tom asked what is MDE doing to increase the

kiosk use. Marcia said that MDE reduced the fee for kiosk use. Half of the kiosks are located in MVA branch offices while the rest are located in other places easily accessible to people. Currently, 2% people use kiosks. The technical issues related to these kiosks are being resolved. Doris asked about the cost of these kiosks. Marcia said it varies between \$50,000 and \$60,000 depending on the location. She said lighting, vehicle diversion, etc affect the cost. Ram provided updates on DOEE's I/M programs. He talked that the District's I/M program will be partially decentralized. This will allow OBD I/M tests at privately operated inspection facilities. Doris asked about the breakdown of personal and commercial vehicles. Ram said out of approximately 300,000 vehicles, 30,000 to 40,000 are commercial vehicles. Sunil asked about I/M program for diesel vehicles. Marcia said that it did not get any traction from EPA. Ram said an opacity test for such vehicles exists, but it is a bit challenging to link this test to PM2.5. Virginia and Maryland have OBD tests for LDDVs. The District has OBD test for HDDs. Another issue is that currently there is no provision in the MOVES model to take credits for diesel I/M programs.

3. 2016 Vehicle Registration Data

Dusan Vuksan discussed the development of the 2016 vehicle registration data and compared this data with that of prior years. A new software was used for the VIN decoding and results were compared with the ones obtained using the old software. Both results seem to be comparable. The VIN analysis is available by jurisdiction. Marcia talked about using the 2016 data instead of 2017. She mentioned that MDE will be using 2017 data for NEI submittal to EPA. Ram echoed what Marcia said. Ron Milone said TPB initially wanted to analyze the July 2017 data. However, this data was not available and therefore, TPB decided to analyze the 2016 data available until December 31st. Marcia and Sonya said that EPA no longer requires the use of July data. EPA now allows the use of the year end data. Jane Posey said it will be difficult to analyze the 2017 data at this time, but TPB could undertake 2020 data analysis for the next three-year cycle. Everybody agreed with this approach. Ram requested Jane to provide the VIN data for the District so DOEE could use it for the NEI 2017 submittal.

4. COG Cooperative Forecasts 9.1

Paul DesJardin discussed the COG cooperative forecast round 9.1. He said this round includes incremental changes to the round 9.0 that was approved in 2016. He said that many jurisdictions updated their forecasts but cumulative regional change is negligible. Paul discussed the changes in projections for employment, population, and households between 2015 and 2045. He also compared past data for employment and population for the Washington region with that of the entire country, which shows that both these variables were higher in the region. Also, the rate of projected changes in these two variables were higher in the region compared to the national data during 2015-2025. A comparison of employment, population, and households was also made between central, inner, and outer jurisdictions in the region, which shows that all three variables were highest in the inner jurisdictions.

5. State & Local Updates

Tom Ballou said that Virginia is moving forward with the draft VW mitigation plan. VDEQ is the lead agency. The EV infrastructure RFP will be out in March. He also informed the group that the public hearing for the draft carbon trading rule will be held sometime in March and the comments will be accepted until April. Marcia said on the VW issue, MDE is the lead agency, which is working with MDOT and DEA on the draft mitigation plan. District has briefed the city administrator on the VW settlement fund issue. Ram said that the DOEE is the lead agency for the VW issue. The draft VW mitigation plan has already been published and the comments are due until mid-March. DOEE did not set aside 15% for the EV

infrastructure. Instead, all monies will be spent on emission control projects. DOEE is pursuing a study for the aircraft noise and is the lead agency on that issue.

6. Adjourn

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