

MWAQC-TAC Items #4 & #6

December 11, 2012

Item #4 – Status of MOVES2013 Model

EPA provided following details about the upcoming MOVES2013 model during a MARAMA call on October 2nd:

Expected release date: Mid-2013

New emission factors and default data

New emission processes such as, diurnal emissions during multi-day parking, improvements to running loss emissions

New VOC and PM2.5 speciation

Improved performance - Improvement in architecture, database indexing, cloud computing

New national control rules

- a. Heavy-duty Greenhouse Gas rule (vehicle model years: 2014-2018)
- b. Light-duty Greenhouse Gas rule (vehicle model years: 2017-2025)
- c. Tier 3 rule (inclusion depends on timing of Tier 3 and model release)

Draft Nonroad model to be added

Considered a new model for SIP and conformity purposes with a new conformity grace period to be decided later on

Item #6 – Brief Updates

a. CASAC preliminary review of EPA's draft policy assessment of Ozone NAAQS

Clean Air Science Advisory Committee (CASAC) sent its review to EPA of the preliminary draft of EPA's policy assessment of the new Ozone NAAQS in November 2012. It agreed with EPA's strong scientific rationale for consideration of ozone levels (8 hour averages) for setting the NAAQS between 60 ppb to 70 ppb. It asked EPA to clarify further the background ozone and provide adequate justification if it considers the level below 60 ppb.

b. EPA proposed rule to revise near-road NO₂ monitoring schedule

On February 2010, the EPA promulgated minimum monitoring requirements for the NO₂ monitoring network in support of the revised NO₂ NAAQS. It required two such near-road monitors in place in the Washington region starting from January 1, 2013. EPA proposed on October 19, 2012 a phased implementation approach to allow more time for states to establish the required near-road NO₂ monitors on a schedule consistent with available resources. Now the first monitor in the Washington region can be operational by January 1, 2014 while the second one can start by January 1, 2015.

c. Court hearing on 2008 Ozone NAAQS

On November 16, 2012, the US Court of Appeals for the DC Circuit held oral arguments in State of Mississippi v. EPA, i.e., the challenges to the 2008 ozone NAAQS rulemaking (it's too high, it's too low, etc.). Unless the court rejects the arguments of both sides the decision will certainly affect implementation of the 2008 ozone NAAQS to some extent. It may take a few months for a decision by this court. New ozone NAAQS is also planned to be proposed by EPA in December 2013, which will be based on the research conducted after the publication of the 2008 ozone NAAQS. So the proposed new NAAQS may not be impacted by the court's decision.