

Memorandum

Date: September 11, 2007
To: MWAQC TAC
From: Sunil Kumar, COG/MWAQC
Subject: Status of Emissions Inventory for the Annual PM2.5 SIP

The purpose of this memorandum is to update the Technical Advisory Committee on the status of emissions inventory for the Annual PM2.5 SIP.

1. Point

DC - BY 2002 & AY 2009 awaited.
MD - BY 2002 & AY 2009 available.
VA - BY 2002 & AY 2009 awaited.

2. Area

DC - BY 2002 awaited.
MD - BY 2002 available.
VA - BY 2002 available.

Draft AY 2009 area inventories expected to be complete by Sep 28th.

3. Onroad

BY 2002

BY 2002 Mob6 run complete as of September 6, 2007. DTP expecting to complete the development of total emissions by September 14th.

AY 2009

Ether and Ethanol oxygen % and market share for DC and VA need to be reconciled with that provided by MD. MD provided these data based on the Energy Policy Act of 2005, which should also be applicable for DC and VA. This act removed Ether (MTBE) as fuel oxygenate. So beginning 2006, ethanol is the only fuel oxygenate remaining and its oxygen content (% by weight) is 3.5% (Mob6 model user guide) and its market share is 100%.

AY 2009 Mob6 run expected to be complete by September 18th. DTP will complete the development of total emissions by September 21st.

4. Nonroad

BY 2002

DC - BY 2002 Nonroad model inputs final.

MD - BY 2002 Nonroad model inputs final.

VA - BY 2002 Nonroad model inputs final except for Stage II control percent.

Draft BY 2002 Model run currently in progress with 0% Stage II control percent assumed. Results expected by Sep 14th.

AY 2009

DC - Nonroad model inputs final except for fuel oxygen content (Wt. %).

VA - Nonroad model inputs final except for Stage II control percent and fuel oxygen content (Wt. %).

MD - Nonroad model inputs final except for RVP and fuel oxygen content (Wt. %). Corrected RVP and fuel oxygen content (Wt. %) and market share consistent with MDE onroad group data awaited from MDE nonroad group. MD onroad group provided these data based on the Energy Policy Act of 2005. Fuel oxygen content (Wt. %) for DC and VA also needs to be updated in line with this. This act removed Ether (MTBE) as oxygenate. So beginning 2006, ethanol is the only fuel oxygenate remaining and its oxygen content (Wt. %) is 3.5% (Mob6 model user guide).

AY 2009 Model run results expected to be complete by September 21st.