

Memorandum

DATE: May 24, 2006
TO: MWAQC
FROM: Joan Rohlfs, Chief, Air Quality Planning
SUBJECT: SIP Development Update

Progress is being made on the SIP, although a major decision on the control strategy is waiting for the Ozone Transport Commission's meeting in June. At the meeting the states expect to reach a consensus on adopting a number of control measures throughout the northeast and mid-Atlantic states.

Beyond the control strategy and modeling the two remaining SIP tasks are 1) develop a weight of evidence to demonstrate attainment and 2) develop a list of contingency measures.

The following is an update on the SIP tasks. A draft SIP is still expected to be completed later this year and to be submitted ahead of the June 2007 deadline.

SIP Development Status

- **Emissions Inventory**

The base case 2002 inventory is complete, except for possible revisions to point source data. All source categories (area, nonroad, mobile and point sources) are completed.

Future year inventories for 2008 is complete. Only the mobile inventory for 2009 is needed to do the attainment year analysis. The 2009 mobile inventory will be completed by the end of May.

- **Attainment Modeling**

Preliminary future case modeling indicates that the Washington region will not achieve the 8-hour ozone standard by the 2009 deadline unless more controls are implemented.

OTC modeling results for measures that are in place and are expected by 2009 ("On The Books" and "On the Way") show that the Washington region is very close to meeting the ozone standard. Virginia modeling results are in line with the OTC results.

The region's control strategy needs to be modeled to show how effective the new measures will be in getting the reductions needed for attainment by 2009. Results from these sensitivity runs are expected in July after the OTC agrees on model rules to be adopted region-wide.

- **Control Measure Analysis/Control Strategy Development**

The Control Measures Work Group will select measures to be modeled as a control strategy for attainment. The measures will include those agreed upon by the OTC in February as well as other local measures.

Model rules are needed for each measure adopted by the OTC. These model rules must be promulgated in time to be included in the SIP going to EPA in a year. If effective, the OTC process will lead to benefits throughout the Ozone Transport Region and the Mid-West. However, the process is time-consuming and may not provide the benefits in time to be included in our SIP.

- **Local Government Initiatives**

The Local Government Initiatives Subcommittee is developing a list of priority voluntary measures to be included in the 8-hour SIP. The lead jurisdictions are Arlington, Montgomery County, Prince George's County and Fairfax County.

Next Steps

- Complete mobile inventories for 2009
- Calculate reduction requirements for attainment
- Propose control measure strategy (June)
- Conduct sensitivity runs for a regional control measure strategy
- Propose 8-hour mobile budgets (June-August 2006)
- Complete weight of evidence analysis
- Complete list of contingency measures
- Draft SIP to TAC, September 2006
- Draft SIP to MWAQC, October 2006

SIP due to EPA by June 2007