

Memorandum

TO: MWAQC Technical Advisory Committee
FROM: Jeff King, MWCOG
DATE: November 8, 2004
SUBJECT: Control Measures List

To develop new control measures for inclusion in the SIP for the 8-hour ozone standard, the Control Measures Workgroup held a conference call to discuss a process for identifying and screening measures. The workgroup decided to develop a list of measures that can be prioritized for further development. For each measure identified as a priority, an analysis will be conducted to a) determine emission reduction potential, b) ascertain impact on air quality in the nonattainment area, and c) determine technical feasibility. Future work would focus on determining cost effectiveness.

Table 1 presents a preliminary list of control measures developed by the members of the workgroup. To date, submissions of proposed measures have been received from MDE, VADEQ, DC DOH, VDOT, Montgomery County, and Fairfax County.

Table 1. Proposed List of Control Measures for Prioritization

Expand Washington, DC-MD-VA Nonattainment Area Control Measures to Adjacent Counties (or OTC Measures only)
Address Federally Preempted Controls
Adopt CAL LEV 2 Standards
Control Small NOx Sources (Apply RACT Rules to Boilers/Internal Combustion Engines)
Implement Heavy Duty Diesel I/M Program
Develop Airport Emission Reduction Program – Mobile Lounges, GSE
Implement Environmental Performance Contracting – State/Local, Mandatory/Voluntary
Implement Diesel Fuel Cetane Additive Program
Expand Voluntary Bundle
Expand Diesel Retrofit Program
Expand Wind Energy Purchase Program
Expand Hybrid Vehicle Purchase Program
Implement Green Building Code Program
Expand Locomotive Idling Restrictions (APU)
Develop Truck Stop Electrification (TSE) Projects
Implement Maritime Idling Restrictions
Obtain Credit for Remote Sensing Program
Develop Urban Reforestation Program
LED Traffic Signal Program
Expand Gas Can Replacement Program
Implement "Cash for Clunkers" 2-Cycle Engine Program
Expand Clean Air Partners and Commuter Choice
Improve Pedestrian Facilities
Provide Additional Transit Service
Improve Access to Transit
Expand Public Outreach and Education Initiatives
Expand Episodic Controls

Next Steps

- **Prioritize List.** Workgroup to meet and discuss prioritization of the list of control measures; possible additions or revisions to the list of control measures; and methods to assess emission reduction, impact on air quality, and technical feasibility.
- **Conduct Phase I Analysis.** Evaluate each measure to determine emission reduction potential, impact on air quality in the nonattainment area, and technical feasibility. Begin work on determining cost effectiveness.