

MARAMA

Mid-Atlantic
Regional Air
Management
Association



Delaware Dept. of Natural Resources and Environmental Control, Air Quality Mgt. Section.
North Carolina Dept. of Environment and Natural Resources, Division of Air Quality
Virginia Dept. of Environmental Quality, Division of Air Program Coordination
New Jersey Dept. of Environmental Protection, Office of Air Quality Mgt.
West Virginia Dept. of Environmental Protection, Division of Air Quality
Pennsylvania Dept. of Environmental Protection, Bureau of Air Quality
Maryland Dept. of the Environment, Air & Radiation Mgt. Admin.
Allegheny Co. Pennsylvania Health Dept., Air Quality Program
Philadelphia Dept. of Public Health, Air Management Services
District of Columbia Dept. of Health, Air Quality Division

711 West 40th Street, Suite 312 ~ Baltimore, MD 21211-2109

Phone 410.467.0170 ~ Fax 410.467.177 ~ www.marama.org

2002 MANE-VU EMISSIONS MODELING INVENTORY

JANUARY 2005

PURPOSE: The Mid-Atlantic/ Northeast Visibility Union, (MANE-VU) has developed a 2002 emissions inventory for use in Ozone, PM_{2.5} and Regional Haze SIP modeling. E.H. Pechan & Associates was the project contractor. The inventory is based on 2002 data that states submitted to EPA in June 2004 plus additional data.

PROJECT OVERVIEW:

- Pechan completed an extensive quality assurance review of the inventory data, with constant communication with, and approval from state contacts. Quality assurance included checks on stack parameters, emissions ranges, latitude/ longitude, and control efficiencies.
- As new data became available from June through October, such as new state VMT data and activity data from the agriculture sector, Pechan incorporated that into the inventory with state approval.
- Pechan also calculated paved and unpaved road emissions for each state in MANE-VU and with the state's approval incorporated that data into the inventory.
- The inventory was released for public stakeholder review in August. MARAMA only received comments from one stakeholder and one state. The comments were addressed in the inventory based on each state's direction.
- Throughout the development of the inventory, MANE-VU has been working with EPA so as not to duplicate efforts.
- Pechan developed modeling files in both SMOKE IDA format and NIF 3.0. Pechan also delivered Mobile 6 inputs; CEM data in SMOKE format; data summaries; temporal, speciation, and spatial profiles; Canadian wildfire emissions data; and documentation of procedures.
- This inventory will be considered draft until all MANE-VU states provide their final approval.
- If funding and new data are available in 2005, a new version of the MANE-VU inventory may be created.

SCHEDULE: This project began in early 2004 and will conclude in January 2005. Throughout this project, we have been coordinating with other RPOs to ensure everyone is aware of schedules, inventory availability, and content.

CONTACT INFORMATION:

Megan Schuster, MARAMA, mschuster@marama.org, 410-467-0170

Randy Strait, Pechan, rstrait@pechan.com, 919-493-3144 ext.118

Maureen Mullen, Pechan, mmullen@pechan.com, 703-813-6700 ext.160