

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

DIVISION OF AIR AND WASTE MANAGEMENT

PUBLIC NOTICE

GENERAL NOTICE

Delaware 2002 BaseYear Ozone SIP Emission Inventory

1. Title of the Regulations:

Delaware's 2002 Base Year Ozone State Implementation Plan (SIP) Emissions Inventory for Volatile Organic Compounds (VOC), Nitrogen Oxides (NO_x), and Carbon Monoxide (CO); and SIP For Attainment of the 8-Hour Ozone National Ambient Air Quality Standard (NAAQS), Reasonable Further Progress and Attainment Demonstration.

2. Brief Synopsis of the Subject, Substance and Issues:

The Clean Air Act Amendments of 1990 (CAA) requires Delaware to submit to the U.S. Environmental Protection Agency (EPA) by June 15, 2007 a SIP revision that contains Delaware's 2002 base year ozone emissions inventory, and that:

- Demonstrates that Delaware has fulfilled the CAA requirements for Reasonable Further Progress (RFP) and Attainment Demonstration (AD) under the 8-hour ozone NAAQS,
- Demonstrates that with all existing and proposed controls, Delaware will meet VOC and NO_x emission reduction RFP requirements in 2008, and VOC and NO_x emission reduction AD requirements in 2009, and
- Demonstrates that the entire Philadelphia-Wilmington-Atlantic City non-attainment area will attain the 8-hour ozone standard in 2009.

DNREC has developed a 2002 base year ozone emissions inventory that quantifies 2002 VOC, NO_x, and CO emissions levels from all sources in the state (i.e., electric generating units, point sources, non-point sources, and on-and-off-road mobile sources). DNREC has also developed a proposed RFP and AD SIP revision, which build on measures taken over the past 30+ years under the 1-hour ozone NAAQS. The RFP and AD SIP revision detail the post-2002 control measures that DNREC and the EPA have adopted that reduce VOC and NO_x emissions and, based on the 2002 base year inventory and these control measures, has projected the level at which Delaware's VOC and NO_x emissions will be in 2009. The proposed SIP evaluates these 2009 emission levels, along with similar projections done by other states within the region, and uses modeling and other analysis techniques to predict air quality levels in 2009. Based on all of this information DNREC concludes that both Delaware and the entire Philadelphia-Wilmington-Atlantic City ozone non-attainment area will come into attainment with the 8-hour ozone NAAQS by 2009. In addition, the proposed SIP revision identifies the control measures in this proposed SIP will also serve as maintenance measures for maintaining the attainment status of the 1-hour ozone NAAQS, confirms Delaware's 2008 and 2009 mobile source budgets for transportation conformity determinations, and ensures that any future use of Emission Reduction Credits (ERCs) certified under Regulation No. 34, Emission Banking and Trading Program is consistent with, and will not interfere with any calculation or provision of the SIP.

3. Possible Terms of the Agency Action:

None

4. Statutory Basis or Legal Authority to Act:

7 Delaware Code, Chapter 60

5. Other Regulations That May be Affected by the Proposal:

None

6. Notice of Public Comment:

The public comment period for this proposed SIP revision will extend through at least June 1, 2007. Interested parties may submit comments in writing during this time frame to: Frank Gao, Air Quality Management Section, 156 S. State St., Dover, DE 19901, and/or statements and testimony may be presented either orally or in writing at the public hearing to be held on May 24, 2007, beginning at 6:00 PM in the DNREC auditorium at the Richardson and Robbins Building, 89 Kings Highway, Dover, DE 19901.

7. PREPARED BY:

Ron Amirikian (302) 739-9402 April 12, 2007
Email address: ronald.amirikian@state.de.us

***Please Note: Due to the size of the notice, it is not being published here. A PDF version is available at the website listed below:**

http://regulations.delaware.gov/register/may2007/general_notice/SIP.pdf Delaware 2002 BaseYear Ozone SIP Emission Inventory and 2007 SIP For Attainment of the 8-Hour Ozone National Ambient Air Quality Standard