

**The State of New Jersey
Department of Environmental**

**Proposed State Implementation Plan (SIP)
Revision for the Attainment and Maintenance of
the One-Hour Ozone National Ambient Air
Quality Standard**

**Update to Meeting the Requirements of the
Alternative Ozone Attainment Demonstration
Policy-Additional Emission Reduction
Commitment and Transportation Conformity
Budgets**

Appendix II: Public Participation

Attachment A: Notice of Availability

February 4, 2000

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF AIR QUALITY MANAGEMENT

NOTICE OF PUBLIC HEARING AND AVAILABILITY:

Proposed Revisions to the New Jersey State Implementation Plan for the Attainment and Maintenance of the One-Hour Ozone National Ambient Air Quality Standard.

The New Jersey Department of Environmental Protection (DEP) is proposing Revisions to the New Jersey State Implementation Plan (SIP) for the Attainment and Maintenance of the One-Hour Ozone National Ambient Air Quality Standard - Update to Meeting the Requirements of the Alternative Ozone Attainment Demonstration Policy - Additional Emission Reduction Commitment and Transportation Conformity Budgets. These proposed revisions are now available for inspection.

A **public hearing** is scheduled on the DEP's proposal on **March 7, 2000 at 10:00 a.m.** at the War Memorial Building, Exhibition Room on the lower level; Corner of West Lafayette and Barracks Streets, Trenton, New Jersey. This hearing is being held in accordance with the provisions of Section 110(a)(2) of the Clean Air Act, 42U.S.C. §7410; the Air Pollution Control Act (1954), N.J.S.A. 26:2C-1 et seq.; and the Administrative Procedures Act, N.J.S.A. 52:14 B-1 et seq. Written comments relevant to the proposal may be submitted until the close of business **March 10, 2000** to: Michael Marotta, Esq., DEP Docket Number 04-00-01, Office of Legal Affairs, New Jersey Department of Environmental Protection, PO Box 402, Trenton, New Jersey 08625-0402. Fax number: (609) 984-3488 (copies sent by fax should be followed with a copy sent by mail).

Background:

Ozone, a major constituent in smog, is produced by complex chemical reactions when its precursors, volatile organic compounds (VOCs) and oxides of nitrogen (NO_x) react in the presence of sunlight in the lower atmosphere (troposphere). The chemical reactions that create ozone take place while the pollutants are being blown through the air by wind, or otherwise transported. Elevated levels of ozone are a threat to public health.

The federal Clean Air Act requires that states with areas which are classified as being in "serious" or worse, nonattainment for ozone, provide a demonstration of attainment of the ozone National Ambient Air Quality Standard (NAAQS) by the applicable attainment date. In New Jersey's case, this affects eighteen (18) of New Jersey's twenty-one (21) counties with an attainment date of 2005 for most of southern New Jersey (6 counties) and 2007 for northern New Jersey (12 counties). On August 31, 1998, New Jersey provided a demonstration of attainment for the 1-hour averaged ozone NAAQS to the United States Environmental Protection Agency (USEPA).

On December 16, 1999, the USEPA proposed (64 Federal Register 70380) to approve the State's demonstration of attainment, provided the State address a number of conditions. This proposed SIP revision provides an update to the demonstration of attainment to meet the USEPA's conditions. One of the conditions is a commitment to achieve New Jersey's fair share of an additional level of emission reductions that were identified by the USEPA as necessary for attainment of the ozone NAAQS in the two multi-state ozone nonattainment areas that include New Jersey counties. To assist in meeting the emission reductions, the USEPA is allowing the states to take credit for the emission reductions from the recently-promulgated federal Tier 2 Motor Vehicle Standard / Low Sulfur Gasoline Program.

After credit is taken for the Tier 2 Motor Vehicle Standard / Low Sulfur Gasoline Program, the USEPA estimates an additional emission reduction of 85 tons per day of VOC and 7 tons per day of NO_x for the New York-Northern New Jersey-Long Island nonattainment areas, and 62 tons per day VOC and 3.4 tons per day NO_x for the Philadelphia-Wilmington-Trenton nonattainment area will be needed. Proportioning these additional emission reductions from the multi-state nonattainment areas to New Jersey in accordance with its 1990 emission contribution to the nonattainment area, New Jersey would need to achieve about a 57 ton per day VOC and 5 ton per day NO_x reduction. To some extent, additional NO_x reductions can substitute for VOC reductions consistent with the Clean Air Act and USEPA Guidelines. A SIP Revision(s) incorporating programs to meet these reductions must be submitted to the USEPA by October 31, 2001.

The State is seeking comment on this proposed SIP revision. It is particularly interested in information regarding control measures that might be employed to meet the USEPA-identified emission shortfalls. The State is working with other states, including those in the Ozone Transport Commission, to try to develop measures which could be implemented on a regional basis. Potential emission source categories or measures that are currently under consideration are included in the following list.

- ancillary benefits from energy efficiency and renewable energy programs, including systems benefit charges, i.e., fees on customer electricity bills designed to fund such programs
- ancillary benefits from initiatives in New Jersey's Draft Climate Action Plan, including additional landfill controls
- electric generation performance standards
- cleaner motor-vehicle fuels, including diesel fuel
- consumer products
- distributed diesel electric generators
- industrial and commercial products and practices, including architectural and industrial maintenance coatings, gasoline dispensing containers, industrial adhesives, autobody refinishing practices and solvent cleaning practices
- non-road vehicles and equipment, including marine vessels, and engines
- aircraft and airport equipment
- State programs, e.g., incentives and procurements to promote energy efficiency,

- renewable energy, and clean electric power generation, and natural gas pipeline venting and compressor station controls

The above list is in a preliminary stage of development. Therefore, it may change, that is, the Department may add or delete potential categories as information is gathered. Thus any of the items listed above may or may not be one of the source categories included in the SIP submission due to the USEPA by October, 2001.

This SIP revision also provides a revised transportation conformity budget for the attainment years of 2005 and 2007 incorporating the predicted benefits from the federal Tier 2 Motor Vehicle Standard / Low Sulfur Gasoline program for those years. Additionally, since the emissions benefit of the federal Tier 2 Motor Vehicle Standard / Low Sulfur Gasoline Program will increase beyond this attainment years, the SIP revision proposes to reserve a portion of the incremental benefit from the Tier 2 Motor Vehicle Standard / Low Sulfur Gasoline Program for air quality-related purposes beyond the attainment year. Further, this SIP revision contains a series of other commitments required by the USEPA. These commitments include a commitment to update the transportation conformity budgets within one year after the MOBILE6 motor vehicle emissions model becomes available for SIP use and a modification to the State's previous commitment date for a midcourse review from 2002 to 2003.

The NJDEP is seeking comment from the public on all aspects of this proposed SIP revision. Written and/or oral testimony concerning the SIP revision will be received at a public hearing held on:

March 7, 2000 at 10:00 a.m.
War Memorial Building, Exhibition Room on the lower level
Corner of West Lafayette and Barracks Streets
Trenton, New Jersey

This hearing is being held in accordance with the provisions of the Air Pollution Control Act (1954), N.J.S.A. 26:2C-1 et seq. and the Administrative Procedures Act, N.J.S.A. 52:14B-1 et seq.

Written comments relevant to the proposed SIP revision may be submitted until the close of business March 10, 2000, and should be directed to:

Mike Marotta, Esq.
Office of Legal Affairs
New Jersey Department of Environmental Protection
PO Box 402, Trenton, New Jersey 08625-0402

DEP Docket Number 04-00-01

The following are options for obtaining a copy of the proposed Revisions to New Jersey's State Implementation Plan (SIP) for the Attainment and Maintenance of the Ozone National Ambient Air Quality Standard (NAAQS):

1. Visit the DEP's web site at: <http://www.state.nj.us/dep/aqm/whatsnew.htm>, where Air Quality Management rules, proposals, adoptions and SIP revisions are available.

2. Inspect the proposals during normal office hours at any of these locations:

Department of Environmental Protection
Public Information Center, 1st Floor
401 E. State Street
Trenton, New Jersey 08625

DEP Bureau of Enforcement
Northern Region
1259 Route 46 East
Parsippany, New Jersey 07054-4191

DEP Bureau of Enforcement
Central Region
Horizon Center, Route 130
P.O. Box 407
Robbinsville, New Jersey 08625-0407

DEP Bureau of Enforcement
Southern Region
2 Riverside Drive, Suite 201
Camden, New Jersey 08103

DEP Bureau of Enforcement
Metropolitan Region
2 Babcock Place
West Orange, New Jersey 07052-5504

Trenton Public Library
120 Academy Street
Trenton, New Jersey 08608

Atlantic City Public Library
1 North Tennessee Avenue
Atlantic City, New Jersey 08401

Newark Public Library
5 Washington Street
P.O. Box 630
Newark, New Jersey 07102-0630

Penns Grove / Carney's Point
Public Library Association
222 South Broad Street
Penns Grove, New Jersey 08069

Burlington County Library
3 Pioneer Blvd. and Woodlane Road
Mt. Holly, New Jersey 08060

New Brunswick Free Public Library
60 Livingston Avenue
New Brunswick, New Jersey 08901

Joint Free Public Library
Morristown & Morris County
1 Miller Road
Morristown, New Jersey 07960

Burlington City Library
23 West Union Street
Burlington, New Jersey 08016

Ellen Calhoun
Library of Science and Medicine
Rutgers University
P.O. Box 1029
Piscataway, New Jersey 08855-1029

Perth Amboy Public Library
193 Jefferson Street
Perth Amboy, New Jersey 08861

Freehold Public Library
28^{1/2} East Main Street
Freehold, New Jersey 07728

Somerville Public Library
35 W. End Avenue
Somerville, New Jersey 08876

Toms River Public Library
101 Washington Street
Toms River, New Jersey 08753-7625

Camden Free Public Library
418 Fredericks Street
Camden, New Jersey 08103

3. Request a copy of the DEP's proposal by calling Susan Murray at (609) 292-6722, by e-mailing her at smurray@dep.state.nj.us, or by mailing or faxing the attached form to her as indicated on the form.

IF YOU HAVE QUESTIONS: For additional help in getting access to the DEP's proposals or for information about what they mean, call the DEP's Bureau of Air Quality Planning at (609) 292-6722.

MAIL /FAX THIS PROPOSED OZONE SIP REVISION REQUEST FORM TO:

NJDEP
Air Quality Planning
P.O. Box 418
Trenton, N.J. 08625
fax: (609) 633-6198
ATTENTION: SUSAN MURRAY

- ☐ **Please send me a copy of the NJDEP's Proposed State Implementation Plan (SIP) Revision for the Attainment and Maintenance of the One-Hour Ozone National Ambient Air Quality Standard:**
Update to Meeting the Requirements of the Alternative Ozone Attainment Demonstration Policy-Additional Emission Reduction Commitment and Transportation Conformity Budgets
- ☐ **Appendix I: Post-Processor Air Quality (PPAQ) Driver File and Output Files, Traffic Data Input Files, Spreadsheets for Emission Calculations and Tier 2 Motor Vehicle Standards / Low Sulfur Gasoline Emissions Benefit**
- ☐ **Appendix II: Public Participation**

Name: _____

Organization: _____

Address: _____

Telephone: _____

Please let us know if you are no longer interested in being on the NJDEP's mailing list for air quality State Implementation Plan (SIP) Revisions by checking here: ☐