

## Clean Air Council 2004 Hearing

### Fine Particulate Matter and Air Quality

The Clean Air Council invites you to attend its annual public hearing, April 14 at 9:30 a.m. in the Public Hearing Room at the New Jersey Department of Environmental Protection (DEP). Based on testimony offered during the hearing, the Council will be making recommendations to DEP about the impact of fine particulate matter on our health.

### The Challenge

Fine particulate matter is a mixture of tiny liquid or solid particles such as dust, smoke, mist, fumes or smog that pollutes the air. Fine particulates pose significant health threats because they easily reach deep into the lungs.

Studies link particulate matter to a host of health problems, including premature death, aggravated asthma, difficulty breathing and other respiratory ailments that require emergency-room care or hospitalization. In New Jersey every year, exposure to fine particulate matter results in an estimated 350 to 1,200 deaths, more than the number of deaths from motor vehicle accidents.

In 1997, EPA promulgated new annual and 24-hour standards for fine particulate matter. Legal issues delayed implementation of these new standards until recently, but EPA's standards were upheld. EPA now asks each state governor to recommend non-attainment areas in their states. EPA will formally designate the non-attainment areas by the end of 2004.

Non-attainment areas have two definitions. One refers to an area where the levels of particulate matter in the air exceed the national ambient air quality standards. The other defines an area with emission sources that contribute to a nearby area's exceedance of the new annual or 24-hour standard for fine particulate matter.

The Council is seeking ways to assist DEP in pursuing regional and state strategies to identify and control fine particulate matter. One area of focus is diesel engines, which emit a significant amount of particulate matter. The Council is interested in exploring initiatives to retrofit diesel engines with pollution controls.

# Fine Particulate Matter in the Atmosphere

- Health Impacts in NJ
- Need for Control Measures



## New Jersey Clean Air Council Annual Public Hearing

April 14, 2004  
9:30 a.m.

New Jersey Department of  
Environmental Protection  
Public Hearing Room  
401 East State Street, Trenton, New Jersey

New Jersey Clean Air Council  
PO Box 027, 401 East State Street  
Trenton, NJ 08625-0027  
Tel: (609) 633-2007 Fax: (609) 984-6369  
[www.state.nj.us/depl/cleanair](http://www.state.nj.us/depl/cleanair)

The Council will discuss the following questions at the public hearing:

- What is the concentration of fine particulate matter in New Jersey's atmosphere?
- What are the national standards for fine particulate matter in air?
- Does New Jersey's air meet the standards? If not, which areas in our State are in violation?
- Is interstate transport an important source of fine particulate matter in New Jersey's air?
- What are the health effects and potential exposures to fine particulate matter?
- What can the public do to minimize exposure to fine particulate matter?
- Do New Jersey's high-population density and urban sprawl worsen the fine particulate matter problem?
- What initiatives to mitigate health risks from fine particulate matter can be adopted by New Jersey or the federal government?
- What steps can be taken by business, commerce, and industry in New Jersey to control fine particulate matter?

## The Clean Air Council

First convened in 1968, the Clean Air Council was created by the Legislature to make recommendations to the Commissioner of the Department of Environmental Protection on matters and programs pertaining to air pollution control.

For more information on the Clean Air Council, visit [www.state.nj.us/dep/cleanair](http://www.state.nj.us/dep/cleanair).

- Is the current subchapter of the New Jersey Air Pollution Control Code dealing with coarse particulate matter effective, and is it adequately enforced? (NJAC7:27- 4, Particles from Combustion of Fuel and NJAC7:27-6, Particles from Manufacturing Processes.)

The Clean Air Council has invited guest speakers who will address many of these topics and provide suggestions to help New Jersey meet its air quality challenges. Interested citizens of New Jersey are also invited and encouraged to participate.

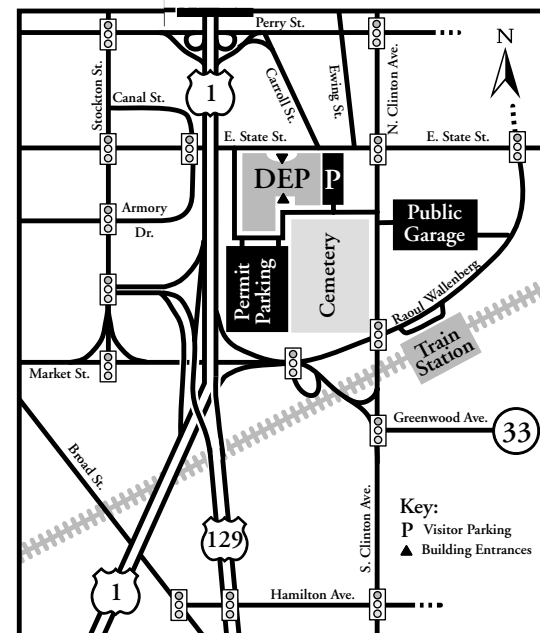
If you would like to attend or to testify during the public hearing, please complete the attached "Notice of Intention to Attend" and mail it to the Clean Air Council by March 1, 2004.

Anyone wishing to testify can also contact Sonia Evans at (609) 633-2007 or by e-mail [cac@dep.state.nj.us](mailto:cac@dep.state.nj.us). or fax (609) 984-6369. Presenters will be allowed 10 minutes, and are asked to bring 25 copies of their remarks for use by Council members, the hearing transcriber and the press.

The hearing record will remain open until April 28, 2004, to receive additional written testimony. Such testimony may be mailed to the following address:

New Jersey Clean Air Council  
401 East State Street  
PO Box 027  
Trenton, NJ 08625-0027

## Directions to DEP



## Public Hearing Notice of Intention to Attend

- I plan to attend the April 14, 2004 Clean Air Council public hearing.
- I plan to testify at the public hearing.

Name \_\_\_\_\_

Company \_\_\_\_\_

Organization \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Please mail by March 1, 2004 to: New Jersey Clean Air Council, 401 East State Street, PO Box 027, Trenton, NJ 08625-0027