

U.S. EPA FACT SHEET

EPA Approves California's Plan for the Sacramento Area to Attain the 1997 Ozone National Ambient Air Quality Standard

January 9, 2015

Summary

- EPA is approving California's plan for the Sacramento ozone nonattainment area to attain the 1997 8-hour ozone National Ambient Air Quality Standard (1997 ozone standard).
- The attainment plan addresses numerous requirements in the Clean Air Act. Collectively, these requirements will help the area attain by June 15, 2019, the attainment deadline for the Sacramento nonattainment area.
- In today's action, EPA is approving the following elements of plan for the Sacramento area.
 - Attainment demonstration.
 - Emissions inventories.
 - Air quality modeling.
 - Reasonably available control measures.
 - Provisions for transportation control strategies and measures.
 - Rate of progress and reasonable further progress (RFP) demonstrations.
 - Transportation conformity motor vehicle emissions budgets.
 - Contingency measures for failure to make RFP or attain.
 - Commitments for the air districts to adopt additional measures.
- Today's action signifies an important step in improving air quality and protecting public health in the Sacramento ozone nonattainment area. This progress was accomplished through the joint efforts of the Sacramento, El Dorado, Feather River, Placer, and Yolo-Solano air districts, California Air Resources Board, and EPA.

Background

- Breathing air containing ozone can reduce lung function and increase respiratory symptoms, aggravating asthma or other respiratory conditions. Ozone exposure also has been associated with increased susceptibility to respiratory infections, medication use by asthmatics, and emergency department visits and hospital admissions for individuals with respiratory disease. Ozone exposure may also contribute to premature death, especially in people with heart and lung disease.

U.S. EPA FACT SHEET

- Ground-level ozone is formed when nitrogen oxides (NO_x) and volatile organic compounds (VOCs) react in the atmosphere in the presence of sunlight. NO_x and VOCs are called ozone precursors. Motor vehicle exhaust, industrial emissions, and chemical solvents are the major sources of these chemicals. Ozone pollution is a concern especially when the weather conditions needed to form it, lots of sun and hot temperatures, occur.
- In April 2004, EPA designated the Sacramento area as nonattainment for the 1997 ozone standard based on air quality data from 2001 through 2003.
- Attainment is expected by June 15, 2019 as a result of substantial emissions reductions (i.e., 53% for NO_x and 33% for VOCs) occurring since 2002.
- In approving the State's attainment plan for the Sacramento area, EPA has concluded that the area has met the plan approval criteria in sections 172 and 181-185 of the Clean Air Act.
- Today's action only concerns the 1997 ozone standard. Despite today's significant milestone, the State currently does not expect the area to attain the 1997 ozone standard before June 15, 2019, and the State will need to address the more stringent 2008 ozone standard at a later date.

Next Steps

- Today's action will be published in the Federal Register in approximately two weeks and become effective 30 days after publication.

For More Information:

<http://www.epa.gov/region9/air/actions/ca.html>