

State of California
AIR RESOURCES BOARD

Resolution 79-67

September 27, 1979

WHEREAS, Section 39602 of the Health and Safety Code designates the Air Resources Board (ARB) as the air pollution control agency for all purposes set forth in federal law and designates the ARB as the state agency responsible for the preparation of the State Implementation Plan (SIP) required by the Clean Air Act;

WHEREAS, Section 110(a)(1) of the Clean Air Act as amended requires revision of the SIP within nine months of the promulgation of a national ambient air quality standard to provide for the attainment and maintenance of said standard;

WHEREAS, the federal Environmental Protection Agency (EPA) promulgated a national ambient air quality standard for lead on October 5, 1978;

WHEREAS, the national ambient air quality standard (NAAQS) for lead is based on the effects of lead on the most sensitive age group -- children between the ages of 1 and 5;

WHEREAS, the Board, at public hearings on November 3 and 4, 1975 found substantial evidence of adverse health effects attributable to particulate lead in the atmosphere at concentrations above 1.5 micrograms per cubic meter (30 day average) and also recognized the particular sensitivity of young children to concentrations of lead above the ambient standards;

WHEREAS, a recent study by the Department of Health Services has indicated that in certain areas of the South Coast Air Basin, 20 percent of the children have elevated levels of lead in their blood;

WHEREAS, there are areas in the South Coast Air Basin that have had excessive ambient levels of lead for several years, which are not projected to attain the standard by 1982 and these high concentrations over long periods have resulted in high concentrations of lead in the soil near heavy traffic areas;

WHEREAS, Clean Air Act Section 110(a)(2)(A) requires the SIP revision to provide for attainment of the primary standard within three years from the date of EPA approval of the revision and for attainment of the secondary standard within a reasonable time except under the specific circumstances set forth in Section 110(e) of the Clean Air Act;

WHEREAS, Clean Air Act Section 110(e) allows the Administrator of EPA to extend for a period of not more than two years the date by which the primary standard must be attained upon application of the Governor and upon a determination that despite implementation of reasonably available measures to all emission sources, the necessary technology or other alternatives are not available or cannot be implemented soon enough to permit compliance within the three-year period;

WHEREAS, the Clean Air Act and implementing regulations promulgated by the EPA require that SIP revisions be adopted after a public hearing for which 30 days public notice has been provided;

WHEREAS, the Board finds:

That a public hearing has been held in accordance with the requirements of the Clean Air Act and the provisions of the California Administrative Procedure Act (Government Code Section 11371 et seq.);

That the NAAQS for lead is presently exceeded in the South Coast, San Joaquin Valley, Sacramento Valley, San Francisco Bay Area, San Diego, and South Central Coast Air Basins;

That the NAAQS for lead is projected to be attained by 1982 throughout California without the necessity for additional controls due to the gradual reduction in the lead content of gasoline required by existing state regulations, except in portions of the South Coast and San Joaquin Valley Air Basins;

That the development and application of all reasonably available alternative means of attaining the standard are required by the SIP revision but will not permit compliance in the South Coast and San Joaquin Valley Air Basins by 1982 due to the impossibility of implementing certain measures in those Basins in the time available;

That therefore an extension until 1984 of the attainment date for the lead NAAQS for the South Coast and San Joaquin Valley Air Basins is justified.

NOW, THEREFORE BE IT RESOLVED, that the Board adopts as a revision to the SIP, Chapter 27, California Lead Control Strategy, as proposed in ARB staff report No. 79-22-2, dated August 27, 1979, as amended today, and directs the Executive Officer to submit Chapter 27 to the EPA for approval;

BE IT FURTHER RESOLVED, that the Board directs the Executive Officer to include the gasoline lead phasedown regulations, as set forth in 17 California Administrative Code Sections 2253 and 2253.1, as amended pursuant to Resolution 79-75 (September 27, 1979) as part of the Chapter 27 SIP submittal to EPA;

BE IT FURTHER RESOLVED, that the Board requests from EPA a two year extension of the lead standard attainment date for the Los Angeles County portion of the South Coast Air Basin and the Fresno County portion of the San Joaquin Valley Air Basin pursuant to the requirements of Clean Air Act Section 110(e);

BE IT FURTHER RESOLVED, that the Board requests Fresno County Air Pollution Control District, the Council of Fresno County Governments, the Southern California Association of Governments, and the South Coast Air Quality Management District, in cooperation with other appropriate local agencies and the ARB staff, to conduct microscale analyses and if such analysis shows additional control measures are needed for attainment of the lead standard by 1984, to develop and implement sufficient control strategies to attain the NAAQS for lead in "hot spot" locations within their jurisdictions as expeditiously as practicable and no later than October 5, 1984;

BE IT FURTHER RESOLVED, that the Board authorizes the Executive Officer to submit the new analysis to the Environmental Protection Agency as a revision to the State Implementation Plan;

BE IT FURTHER RESOLVED, that the strategies referred to above should be submitted to the ARB by December 1981, and that the Executive Officer shall assist local and regional agencies in strategy development by providing to them, by December 1979, reports on preliminary ARB modeling efforts for Lennox, in Los Angeles County, and Olive Street, the City of Fresno, in Fresno County;

BE IT FURTHER RESOLVED, that the Board requests the remaining nonattainment lead agencies to review the lead control strategy in their areas to insure progress toward attainment of the standard, to incorporate additional local controls if needed, and to coordinate those controls with compatible controls for other pollutants;

BE IT FURTHER RESOLVED, that the Board recommends the State Department of Health and other local agencies in areas with historically high concentrations of lead, consider taking the following actions to reduce exposure to existing high concentrations of lead:

That the State Department of Health Services continue its lead screening program and work with local health agencies, regional transportation planning agencies, and local traffic engineers to map the locations of estimated high concentrations of lead;

That school districts identify schools for kindergarten and primary school age children located in presently or historically high lead areas and should have tests done at these sites to determine the present concentrations of lead in the soil;

That school districts work with the Department of Health Services to mitigate the effects of high lead concentrations;

That local and county planning agencies stipulate a lead soil check before the future location of pre-schools, nurseries, kindergartens, primary schools, and parks and playgrounds for young children is decided upon. In locations of high soil and/or air concentrations of lead, the location should be denied or effective mitigation measures implemented;

That the Department of Health Services develop educational materials to give to parents in areas with high concentrations of lead so that they may protect their children from the lead in the dirt, in their yards and school areas, and from lead in the air.

I certify that the above is a true and correct copy of Resolution 79-67 as passed by the Air Resources Board.



Sally Rump
Board Secretary

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: PUBLIC HEARING TO CONSIDER THE ADOPTION OF CHAPTER 27
AS A REVISION TO THE STATE OF CALIFORNIA IMPLEMENTATION
PLAN FOR THE ATTAINMENT AND MAINTENANCE OF THE NATIONAL
AMBIENT AIR QUALITY STANDARDS FOR LEAD

Resolution
Number: 79-67

Public
Hearing Date: September 27, 1979

Response Date: September 27, 1979

Issuing
Authority: Air Resources Board

Comment: None received

Response: N/A

CERTIFIED:

Sally Rump
Sally Rump
Board Secretary

Date:

10/10/79

Memorandum

Huey D. Johnson
Resources Agency

Date : October 17, 1979

Subject: Filing of Notice of
Decision of the
Air Resources Board

From : **Air Resources Board**

Pursuant to Title 17, Section 60007(b), and in compliance with Air Resources Board certification under section 21080.5 of the Public Resources Code, the Air Resources Board hereby forwards for posting the attached notice of decision and response to environmental comments raised during the comment period.

151
Sally Rump
BOARD SECRETARY

Attachments

Resolution 79-67