

State of California

AIR RESOURCES BOARD

Resolution 89-46

April 13, 1989

WHEREAS, the Legislature has declared that effective research programs are an integral part of the broad-based statewide effort to combat air pollution in California, pursuant to Health and Safety Code Section 39700.

WHEREAS, the Air Resources Board has been directed to establish objectives for air pollution research in California, pursuant to Health and Safety Code Section 39703;

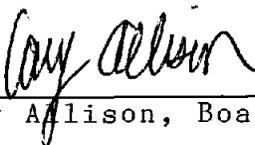
WHEREAS, the Air Resources Board conducts a special research program to obtain indoor air quality and personal exposure information needed to conduct indoor exposure assessments for toxic pollutants, pursuant to Health and Safety Code Section 39660.5;

WHEREAS, the Air Resources Board has been directed to appoint a Research Screening Committee to give advice and recommendations with respect to all air pollution research projects funded by the state, pursuant to Health and Safety Code Section 39705;

WHEREAS, the Research Screening Committee has reviewed and approved the Indoor Air Quality/Personal Exposure Assessment Five-Year Study Plan, dated March, 1989;

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Sections 39703 and 39705, hereby concurs in the recommendation of the Research Screening Committee and approves the Indoor Air Quality/Personal Exposure Assessment Five-Year Study Plan, dated March, 1989.

I hereby certify that the above is a true and correct copy of Resolution 89-46 as adopted by the Air Resources Board.


Cary Allison, Board Secretary

ITEM NOS.: 14 & 15
DATE: April 13, 1989

State of California
AIR RESOURCES BOARD

ITEM: 1989-90 RESEARCH PLAN AND INDOOR AIR QUALITY/PERSONAL EXPOSURE ASSESSMENT FIVE-YEAR STUDY PLAN.

RECOMMENDATION: Adopt Resolutions 89-45 and 89-46 approving the 1989-90 Research Plan, dated March, 1989, and the Indoor Air Quality/Personal Exposure Assessment Five-Year Study Plan, dated March, 1989.

SUMMARY: In establishing the State's approach to clean air, the Legislature: has declared that an effective research program is an integral part of the broad-based statewide effort to combat air pollution in California; has directed the Air Resources Board to administer and coordinate all air pollution research funded, in whole or in part, with state funds; has directed the Air Resources Board to establish objectives for air pollution research; and has directed the Air Resources Board to appoint a Research Screening Committee to give advice and recommendations with respect to air pollution research projects funded by the State.

In order to comply with these mandates from the Legislature, the Board meets, each year, with its Research Screening Committee, to review the Board's research program, as outlined in the 1989-90 Research Plan. This Plan is prepared by the staff, with guidance from the Research Screening Committee.

The 1989-90 Research Plan contains a section describing the Board's goals and objectives and related extramural research projects, a section listing recently completed research projects, and a section describing each of the research projects proposed for the next fiscal year. These projects are divided into six study areas:

- o Diesels and Motor Vehicles;
- o Toxic Air Contaminants;
- o Stationary Source Emissions Inventory and Control;
- o Regional Air Quality Studies;
- o Health Effects; and
- o Vegetation Effects.

For each study area, there is a prioritized list of research projects proposed for the next fiscal year, a figure which relates these projects to ongoing and future work, and a detailed discussion of each proposed project. The discussions include a summary of the research problem, relationship to previous work, description of the proposed approach, and identification of benefits to be provided by the study.

This year's 1989-90 Research Plan features projects to support the Board's activities to reduce emissions from motor vehicles; support the introduction of clean burning fuels; add to our knowledge of the sources, fate and effects of toxic air contaminants; provide bases for controlling stationary source emissions; better characterize the effects of agricultural burning; improve our ability to analyze regional air quality problems; better define the effects of exposure to air pollutants on human health; and better define the extent of air pollution damage to all forms of vegetation.

The Board also conducts a special research program to obtain information regarding indoor air quality and personal exposures of Californians to air pollutants. Health and Safety Code Section 39660.5 requires the Board to consider indoor exposures to toxic pollutants in assessing the risk posed by them. However, little information is available regarding indoor exposures. The information obtained through the Indoor Air Quality/Personal Exposure Assessment Five-Year Study Plan will be used by staff to develop more accurate risk assessments, especially for toxic pollutants considered under the Board's Toxic Air Contaminants Program.