

State of California
AIR RESOURCES BOARD

Resolution 79-50

May 24, 1979

A. WHEREAS, Section 39602 of the Health and Safety Code designates the Air Resources Board (ARB or Board) 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;

B. WHEREAS, the Clean Air Act as amended in 1977 mandates the revision of the SIP in designated nonattainment areas of the state in order to assure the attainment and maintenance of national ambient air quality standards by new specified deadlines;

C. WHEREAS, Santa Barbara County was designated nonattainment for oxidant, carbon monoxide, and total suspended particulates under provisions of Section 107(d) of the Clean Air Act;

D. WHEREAS, the Santa Barbara County Board of Supervisors was designated by the ARB on March 31, 1978 as the local lead agency for the preparation of the 1979 nonattainment plan for Santa Barbara County;

E. WHEREAS, the Santa Barbara County Air Quality Attainment Plan (AQAP) was reviewed by the cities of the region, other interested organizations, and the public;

F. WHEREAS, the Santa Barbara County AQAP was adopted by the Santa Barbara County Board of Supervisors on May 14, 1979 to meet the requirements of the Clean Air Act as amended in 1977 after noticed hearing;

G. WHEREAS, the Santa Barbara County Board of Supervisors transmitted the AQAP to the ARB for approval as a revision to the SIP;

H. WHEREAS, the Clean Air Act and SIP regulations promulgated by the Environmental Protection Agency (EPA) require that revisions to the SIP be adopted after a public hearing for which a 30-day notice to the public has been provided;

I. WHEREAS, a public hearing upon 30 days notice and other administrative proceedings have been held in accordance with the Clean Air Act and the provisions of the Administrative Procedures Act (California Government Code, Title 2, Division 3, Part 1, Chapter 4.5);

J. WHEREAS, the Board has received testimony that certain modifications to the Santa Barbara County AQAP are needed to make the plan conform with requirements of Part D of the Clean Air Act, as amended;

LEAD AGENCY DESIGNATION

1. NOW, THEREFORE BE IT RESOLVED, that the Board recognizes Santa Barbara County's desire to independently pursue actions to protect and enhance air quality. The Board recommends the continued designation of the Santa Barbara County Board of Supervisors as the local lead agency for nonattainment area planning in Santa Barbara County subject to agreement between the Santa Barbara County Board of Supervisors and ARB upon a division of responsibilities for continued planning as required by Section 174 of the Clean Air Act. The Board further finds that the division of responsibilities should take the form of a detailed work program for air quality planning in Santa Barbara County and a Memorandum of Understanding (MOU) between ARB and the local lead agency;

INCLUSION OF EPA CONTROL TECHNOLOGY GUIDANCE I (CTG) AND ARB CATEGORY I REASONABLY AVAILABLE CONTROL MEASURES

2. BE IT FURTHER RESOLVED, that the Board accepts the Santa Barbara County Air Pollution Control District (APCD) commits to adopt enforceable regulations to implement the federally required CTG I and state required RACMs (including dry cleaning, degreasing, architectural surface coatings, valves and flanges at refineries, cutback asphalt, manufactured metal parts and products coatings, fixed and floating roof tanks, refinery vacuum producing equipment, oil/water gravity separation devices, and process turnarounds at refineries and other facilities). The Executive Officer is delegated the authority to adopt, after public hearing, enforceable regulations for the Santa Barbara APCD if the District has not adopted a rule as effective as the ARB rule or suggested rules by June 30, 1979. The Executive Officer is authorized to submit such adopted rules to the EPA as an SIP revision;

3. BE IT FURTHER RESOLVED, that the Board directs the ARB staff to work with the Santa Barbara County APCD to provide the District with all available information on field studies comparing various Phase II vapor recovery systems. This should include the on-going study in the South Coast Air Basin and any other similar studies. If such studies show that the assist systems have the claimed advantage in recovery efficiency, a significant advantage in areas such as reliability, customer acceptance, maintainability, and enforceability, and a reasonable cost effectiveness, the Executive Officer will work with the District to consider adoption of rules which will require the use of assist systems by 1982. The District will continue the immediate implementation of their current vapor recovery rule;

4. BE IT FURTHER RESOLVED, that the Executive Officer is directed to continue working with the Department of Interior and other federal agencies to resolve questions regarding the regulation of emissions from marine lightering and to work with the Santa Barbara County APCD and other California coastal districts to recommend to the

Board revisions to the ARB model rules for lightering as necessary to make the model rule at least as effective as the federal requirements. The Executive Officer is further directed to work with the Santa Barbara County APCD to effect the adoption of a rule which is as effective as this model rule. The Board further directs the Executive Officer to forward such rule to the EPA as an SIP revision if he finds the rule to be consistent with the ARB model rule;

OIL PRODUCTION DEVELOPMENT

5. BE IT FURTHER RESOLVED, that the Board finds that increased petroleum development in the California Coastal Waters off the coast of Santa Barbara County results in an adverse impact on air quality in Santa Barbara and is not in conformance with the SIP. The Executive Officer is directed to pursue aggressively all available legal remedies to prevent unmitigated emission increases from occurring on the Outer Continental Shelf;

6. BE IT FURTHER RESOLVED, that the Board recognizes the need for measures for effecting further reductions in the emissions of organic compounds from off-shore petroleum production facilities in order to attain and maintain the NAAQS for ozone in Santa Barbara County, and the Board commends the District for including Rule 327 in the AQAP. The Board directs the Executive Officer to determine whether the Santa Barbara County APCD's Rule 327 and the alternative measure of an oil transport pipeline are reasonably available measures for the control of emissions of organic compounds due to the transportation of petroleum from off-shore production fields en route to refineries. The Board further directs the Executive Officer to work with the Santa Barbara County APCD to effect the adoption of a rule to implement the pipeline measure, and to include these measures in the SIP to be submitted to EPA if he finds them to be reasonably available control measures. Also, the Board directs the Executive Officer to work with the District to determine the maximum feasible degree of control of emissions resulting from the on-loading and off-loading of organic compounds to and from marine tankers;

CARBON MONOXIDE CONTROL STRATEGY

7. BE IT FURTHER RESOLVED, that the Board finds the AQAP adequately demonstrates attainment of the carbon monoxide (CO) standards by 1982, largely through the emission reductions achieved by existing mobile source controls and an annual motor vehicle inspection and maintenance program. The Board finds the Santa Barbara plan for CO acceptable as a 1979 nonattainment plan and urge the Legislature to

provide the necessary authority to allow an enforceable commitment to an annual motor vehicle inspection program. The County should commit to monitor strategy effectiveness through the annual RFP reporting process to ensure attainment of the standards by 1982;

TOTAL SUSPENDED PARTICULATES

8. BE IT FURTHER RESOLVED, that the Board finds that all currently reasonably available controls to reduce ambient TSP levels have been applied to traditional sources in Santa Barbara County and that such controls are not sufficient to demonstrate attainment of the TSP standard. The Board accepts Santa Barbara County's commitment to develop a work program for TSP reanalysis and strategy development. The work program should be developed by June 30, 1979 and should include a schedule to develop, submit, and implement the necessary regulations for controlling nontraditional particulate matter sources to attain the NAAQS by December 31, 1982 and maintain thereafter;

9. BE IT FURTHER RESOLVED, that the Board directs the Executive Officer to work with the District staff to determine by October 31, 1979, whether the adoption of more stringent TSP control measures on traditional sources in the northern part of the District are reasonably available and would help to attain the national ambient air quality standards for total suspended particulate matter. Such a determination is to include an assessment of the extent to which such rules could be made more stringent, the extent to which emissions of TSP would be reduced, and the degree to which such emission reductions would affect ambient TSP levels. If the Executive Officer determines that more stringent TSP control measures on traditional sources are RACT and would contribute to reductions in ambient TSP levels, the District shall consider making such amendments to its rules and regulations. If the District does not take effective action, the Executive Officer is delegated the authority to adopt after hearing, appropriate amendments to District rules;

10. BE IT FURTHER RESOLVED, that the Board approves the requests contained in the Santa Barbara County plan for an 18-month extension to develop a control strategy for the attainment of the secondary standard for TSP is justified;

AIR QUALITY ANALYSIS

11. BE IT FURTHER RESOLVED, that the Board finds the locally adopted AQAP contains an acceptable EKMA air quality analysis for the Santa Barbara South Coast to serve as justification for an extension to 1987;

12. BE IT FURTHER RESOLVED, that the Board finds that the methods of analyses used in the AQAP to estimate the impact on ambient air quality of control strategies for ozone, carbon monoxide, and total suspended particulates must be improved as part of the effort to develop revised strategies which demonstrate attainment and maintenance of these standards. The Board directs the ARB staff to participate with the Santa Barbara County staff in the development of a work program by August 31, 1979 for utilizing appropriate modeling techniques for the 1982 submission for ozone and carbon monoxide and for further revisions of the total suspended particulate strategies;

13. BE IT FURTHER RESOLVED, that the Board acknowledges the expressed desire of the Santa Barbara County Supervisors to develop and apply a regional photochemical model to analyze the effectiveness of control measures and strategies and to determine more precisely the emissions limitations consistent with attainment and maintenance of the ozone standard. The Board encourages these efforts and commits to working closely with the Santa Barbara County APCD, its staff and consultants, to assist them in developing their regional model. The Board is also committed to the development of a regional photochemical model that can properly account for the effects of interdistrict transport of pollutants. Modeling efforts for Santa Barbara should be coordinated with this ARB modeling effort and with modeling efforts of other districts to provide the necessary information on boundary conditions for models in both Santa Barbara and in neighboring counties;

14. BE IT FURTHER RESOLVED, that the Board accepts the revised County emission inventory for RHC as included in the adopted AQAP as adequate to meet the Clean Air Act requirements for a 1979 SIP revision;

NEW SOURCE REVIEW

15. BE IT FURTHER RESOLVED, that the Board finds that the existing New Source Review (NSR) rules of the Santa Barbara APCD do not comply with Section 173 of the Clean Air Act and that the District has committed to adopt a rule as effective as the ARB model NSR rules by June 30, 1979. The Board accepts the Santa Barbara County APCD commitment to adopt such an NSR rule and delegates to the Executive Officer the authority to adopt, after hearing, the ARB model NSR rules if the District has not adopted a rule as effective as the ARB model rules by June 30, 1979;

TRANSPORTATION CONTROL MEASURES

16. BE IT FURTHER RESOLVED, that the Board finds the Santa Barbara County recommends future reanalysis of the 18 Transportation Control Measures (TCMs) identified in Section 108(f) of the Clean Air Act in developing a 1982 SIP revision. The Board finds the AQAP does not

identify an emission reduction goal or percent reduction to be achieved by the transportation system. The Board also finds that to meet the Clean Air Act requirements for further planning related to the granting of an extension for attainment of the ozone or carbon monoxide standards, Santa Barbara County must affirmatively consider and analyze ambitious alternative packages of transportation control measures, including public transportation measures to meet basic transportation needs, which are designed to achieve a locally determined emissions reduction target or a percent reduction in the continuing planning and implementation program. The Board requests Santa Barbara County to develop a work plan by August 31, 1979 which commits to schedules and resources for the development and implementation of future RACM and TCMs. Consideration should be given to ambitious packages of TCMs to achieve an emissions reduction target or percent reduction to meet reasonable further progress and maintenance of the air quality standards;

OTHER MEASURES

17. BE IT FURTHER RESOLVED, that the ARB includes in the SIP revision a commitment to work with the Santa Barbara APCD to study further those stationary source control measures identified in Table I of the staff report, SIP Revision - Santa Barbara County. The Santa Barbara APCD shall consider adoption of all such measures which these studies show to RACMs;

18. BE IT FURTHER RESOLVED, that the Board finds that the plan, as modified by the ARB, identifies specific categories of measures for further study of stationary and transportation controls by Santa Barbara County and the ARB. The Board finds that these actions, when carried out, will be sufficient to provide for attainment and maintenance of the NAAQS for ozone and collectively meet Section 172(b)(11)(C) of the Clean Air Act which requires the identification of those measures needed to attain ozone standards prior to December 31, 1987;

19. BE IT FURTHER RESOLVED, that the Board finds the commitment of the Santa Barbara County APCD to implement control measures for pesticides is appropriate and includes these measures in the plan for further study. The emission reductions associated with these measures are appropriate as target reductions which will be defined upon further study. Pending development and implementation of the rules necessary to achieve the estimated emission reductions, credit for these measures is deleted from the plan. The Board directs the Executive Officer to work with the Santa Barbara County APCD to develop appropriate rules for this measure, and to modify the SIP to include appropriate emission reduction credits upon adoption of such rules by the Santa Barbara County APCD;

LOCAL GENERAL PLAN CONFORMITY WITH THE SIP

20. BE IT FURTHER RESOLVED, that the Board finds that to meet the Clean Air Act requirements for consistency of the SIP and other planning programs, Santa Barbara County has committed to develop a well-defined

process and schedule to achieve, monitor, and maintain consistency between regional growth forecasts, plans and those aspects of local general plans which affect the emissions forecasts in the AQAP. The Board requests Santa Barbara County develop a work plan to develop this mechanism by August 31, 1979;

REQUEST FOR EXTENSION

21. BE IT FURTHER RESOLVED, that the Board finds that the AQAP does not demonstrate attainment of the national standards for ozone by December 31, 1982 despite the implementation of all reasonably available control measures;

22. BE IT FURTHER RESOLVED, that the Board finds that an extension of the attainment date for the ozone national ambient air quality standard until no later than December 31, 1987 is justified;

23. BE IT FURTHER RESOLVED, that the Board approves the request for an extension for attainment of the ozone standard;

REASONABLE FURTHER PROGRESS

24. BE IT FURTHER RESOLVED, that the Board finds that the adopted measures in the AQAP are adequate to meet the Clean Air Act requirements to maintain Reasonable Further Progress in reducing the emission of ozone precursors until such time that a revised plan can be prepared;

25. BE IT FURTHER RESOLVED, that in order to monitor Reasonable Further Progress toward attainment of the NAAQS, the Board directs Santa Barbara County to provide ARB with an annual analysis and verification of emission reductions and air quality improvements to demonstrate that RFP is occurring;

MOTOR VEHICLE INSPECTION PROGRAM

26. BE IT FURTHER RESOLVED, that the Board finds that to meet the Clean Air Act requirements for granting an extension for attaining the ozone standard, Santa Barbara County must commit to an Inspection and Maintenance Program. The Board finds that Santa Barbara's request for "Motor Vehicle Inspection and Maintenance Program" demonstrates local commitment and the Board supports legislative authorization of such a program for Santa Barbara County;

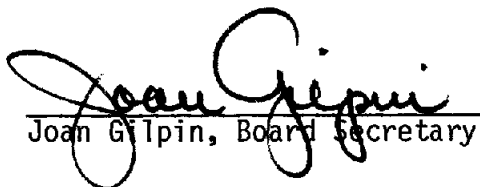
PRE-PERMIT REVIEW

27. BE IT FURTHER RESOLVED, that the Board finds the California Environmental Quality Act (CEQA) process equivalent to that required by Section 172(b)(11)(A) of the Clean Air Act relating to industrial siting;

BOARD ACTION

28. BE IT FURTHER RESOLVED, that except as otherwise specified above, the Board finds that the AQAP contains the elements necessary to meet the presently applicable requirements of Part D of the Clean Air Act as amended. The Board approves those elements of the Santa Barbara County plan, except as modified above, and directs the Executive Officer to submit the same to EPA for approval, together with all acceptable technical support documentation as may be useful in showing compliance with the requirements of Part D.

I certify that the above is a true and correct copy of Resolution 79-50 as passed by the Air Resources Board.



Joan Gilpin, Board Secretary

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Public Hearing to Consider Adoption of the Santa Barbara Air Quality Attainment Plan (AQAP) as a Revision to the State of California Implementation Plan (SIP) for the Attainment and Maintenance of National Ambient Air Quality Standards (NAAQS)

Resolution
Number: 79-50

Public
Hearing Date: May 24, 1979

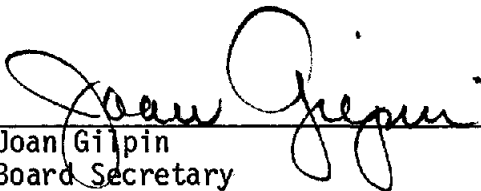
Response Date: May 24, 1979

Issuing
Authority: Air Resources Board

Comment: None received

Response: N/A

CERTIFIED:


Joan Gilpin
Board Secretary

DATE:

JUN 11 1979

Memorandum

To : Huey E. Johnson
Secretary
Resources Agency

Date : June 14, 1979

Subject: ARB Hearings
Resolutions 79-30,
79-31, 79-32, 79-33,
79-34, 79-35, 79-36,
79-49, ~~79-50~~

From : **Air Resources Board**
Joan Gilpin
Board Secretary

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 notices of decision and response to environmental comments raised during the comment period.

Attachments