

State of California
AIR RESOURCES BOARD

Resolution 74-36

June 13, 1974

WHEREAS, the Environmental Protection Agency has promulgated regulations requiring that the State of California Implementation Plan for Achieving and Maintaining the National Ambient Air Quality Standards be revised to identify areas with the potential for exceeding any national ambient air quality standard in the period from 1975 to 1985 (40 CFR 51.12);

WHEREAS, the Air Resources Board is the State agency responsible for the air pollution control elements of the State Implementation Plan;

WHEREAS, the national ambient air quality standards are not projected to be achieved or maintained in all areas of the State in the period from 1975 to 1985;

WHEREAS, the Air Resources Board recognizes the necessity of developing long term control strategies to insure the achievement and maintenance of the national ambient air quality standards for those areas where the current strategies included in the State Implementation Plan do not provide for the maintenance of the standards through 1985 or the achievement of the standards by 1980;

WHEREAS, the Air Resources Board has held a public hearing after 30 days notice in conformance with federal regulations for the purpose of considering the adoption of amendments to the State Implementation Plan to identify the areas of the State not projected to maintain any national ambient air quality standard through 1985 or not to achieve the national standards by 1980; and

WHEREAS, the Air Resources Board intends by adopting this resolution to merely designate Air Quality Maintenance Areas per Environmental Protection Agency requirements;

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board hereby adopts the attached Revision to the State Implementation Plan entitled The State of California Implementation Plan for Achieving and Maintaining the National Ambient Air Quality Standards - Identification of Air Quality Maintenance Areas, dated June 13, 1974;

BE IT FURTHER RESOLVED, that the Air Resources Board hereby reserves the right to change the boundaries of areas designated; and

BE IT FURTHER RESOLVED, that the Air Resources Board makes no commitment to adopt EPA's recommended control plans for these Areas.

REVISION 5
TO
THE STATE OF CALIFORNIA
IMPLEMENTATION PLAN FOR ACHIEVING AND MAINTAINING
THE NATIONAL AMBIENT AIR QUALITY STANDARDS

Part I - State General Plan

Identification of Air Quality Maintenance Areas

I. Introduction

The identification of areas to be recommended to the Environmental Protection Agency (EPA) for designation as air quality maintenance areas (AQMA) is in response to regulations promulgated by EPA (40 CFR, Section 51.12 in the June 18, 1973 Federal Register). These regulations require that each state's implementation plan be amended to identify those areas which, due to current air quality and/or projected growth rates, may have the potential for exceeding any national ambient air quality standard within the ten-year period 1975-1985. These areas identified by the states will be considered for designation by EPA as air quality maintenance areas.

For each area designated as an AQMA, a detailed analysis of the area's future air quality for the pollutant(s) for which the area was designated will be performed. If this detailed analysis confirms that a national standard will not be maintained through 1985 or achieved by 1980, a long term maintenance plan may be developed to insure the achievement of the air quality standards as soon as is feasible and the continued maintenance of the air quality standards once they have been achieved. The State is required to submit this maintenance plan to EPA by June 18, 1975. If the detailed analysis indicates that an area does not have a maintenance problem it will, upon approval by EPA, be removed from the AQMA designation.

II. Areas Analyzed as Potential Air Quality Maintenance Areas

Air quality for particulate matter, oxidant, carbon monoxide, nitrogen dioxide and sulfur dioxide has been projected through 1985 on a county by county basis for the San Diego, South Coast, and San Francisco Bay Area Air Basins and for Monterey, Santa Cruz, Sacramento, San Joaquin, Stanislaus, Fresno, and Kern Counties.

III. Criteria for the Identification of Air Quality Maintenance Areas

The criteria established for the identification of an area as an AQMA are as follows:

- A. Areas where the standards are currently exceeded and are not projected to be achieved by 1980 are identified as AQMA.
- B. Areas currently meeting the national standards are identified as AQMA if increased emissions are expected to cause a violation of the standards before 1985.

- C. In the San Francisco Bay Area and South Coast Air Basins, the entire air basin is identified as an AQMA if any county in the basin fulfills criteria A or B above.

IV. Estimates of Future Air Quality

Future air quality was estimated from projected emissions using the proportional modeling technique employing the 1972 emissions inventory as the base and 1971 or 1972 air quality (whichever readings are highest) as the air quality base.

The 1972 emissions from each source category (e.g. power plants, mobile sources, etc.) were projected to the years 1975, 1980 and 1985 by applying estimated emission reduction factors associated with the application of various emissions control strategies and growth factors to account for increased source activity.*

V. Areas Identified as AQMAs

Table I presents the areas of the State that are proposed to be identified as AQMAs for the pollutants indicated.

Future air quality in the Sacramento Metropolitan Area was calculated using data from Sacramento County only. The Sacramento Metropolitan Area, and its air pollution problem, extend beyond the boundaries of the County of Sacramento into Yolo, Solano and Placer Counties. The Yolo-Solano Unified Air Pollution Control District and the Valley Area of Placer County (as defined in the Placer County Air Pollution Control District's Rules and Regulations) are, therefore, included in the Sacramento Metropolitan AQMA (legal description and map in Appendix).

Also portions of San Bernardino and Riverside Counties lying in the Southeast Desert Air Basin have an air pollution problem. Much of the problem is attributable to pollutant emissions in the South Coast Air Basin which are transported into the Southeast Desert Air Basin. The Coachella Valley Area portion of Riverside County and a part of San Bernardino County in the Southeast Desert Air Basin (legal description and map in Appendix) is identified as the Riverside - San Bernardino AQMA because, in addition to transported pollutants, there are significant emissions generated in the area itself.

*The details of the methods of analysis and sample calculations are contained in the technical support document for the identification of AQMAs. The support document is available for public inspection at the Public Information Office of the Air Resources Board, 1709 - 11th Street, Sacramento, California 95814.

TABLE I

AREAS IDENTIFIED AS AIR QUALITY MAINTENANCE AREAS

<u>AREA</u>	<u>POLLUTANT</u>				
	PM	O _x	CO	SO ₂	NO ₂
SOUTH COAST AIR BASIN	X	X	X	X	X
SAN FRANCISCO BAY AREA AIR BASIN	X	X	--	X	--
SAN DIEGO AIR BASIN	X	X	X	--	--
SACRAMENTO METROPOLITAN *	--	X	X	--	--
SAN JOAQUIN AND STANISLAUS COUNTIES	--	X	--	--	--
FRESNO COUNTY	--	X	--	--	--
KERN COUNTY**	--	X	X	--	--
MONTEREY COUNTY	--	X	--	--	--
RIVERSIDE - SAN BERNARDINO	--	X	--	--	--

X - Suggested Area

*Includes Sacramento County, Yolo-Solano Unified Air Pollution Control District, and the Valley Area of Placer County.

**Excludes the Southeast Desert Air Basin portion of Kern County.

State of California

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SACRAMENTO METROPOLITAN
AIR QUALITY MAINTENANCE AREA
LEGAL DESCRIPTION

- a) All of the Yolo-Solano Unified Air Pollution Control District.
- b) All of the Sacramento County Air Pollution Control District.
- c) All the area in the Placer County Air Pollution Control District which lies west of the easterly line of Range 7 East M. D. B. & M., and all of the area in the Placer County APCD which lies south of the northerly line of Township 11 North, M. D. B. & M.

FIGURE I

SACRAMENTO METROPOLITAN
AIR QUALITY MAINTENANCE AREA

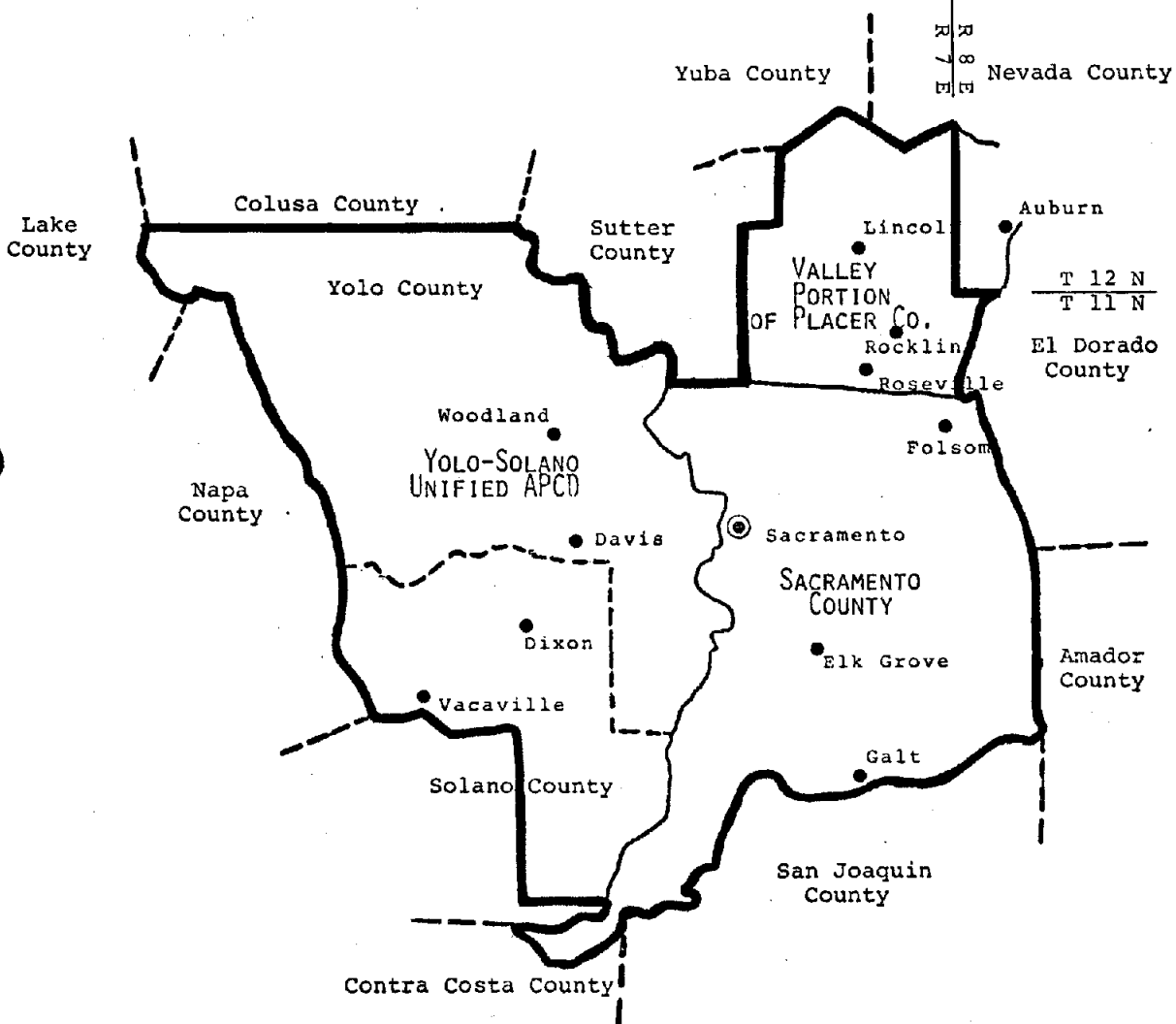
LOCATION OF
AQMA

■ Sacramento
Metropolitan
AQMA



SCALE-MILES

0 10 20



State of California

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RIVERSIDE - SAN BERNARDINO
AIR QUALITY MAINTENANCE AREA
LEGAL DESCRIPTION

Beginning at the northeast corner of Section 4
Township 2 South, Range 5 East; a point on
the boundary line common to Riverside and
San Bernardino Counties;

Then southerly along section lines to the centerline of
the Colorado River Aqueduct;

Then southeasterly along the centerline of the Colo-
rado River Aqueduct to the southerly line of Section 36,
Township 3 South, Range 7 East;

Then easterly along the township line to the northeast
corner of Section 6, Township 4 South, Range 9 East;

Then southerly along the easterly line of Section 6 to
the southeast corner thereof;

Then easterly along section lines to the northeast cor-
ner of Section 10, Township 4 South, Range 9 East;

Then southerly along section lines to the southeast cor-
ner of Section 15, Township 4 South, Range 9 East;

Then easterly along section lines to the northeast cor-
ner of Section 21, Township 4 South, Range 10 East;

Then southerly along the easterly line of Section 21 to
the southeast corner thereof;

Then easterly along the northerly line of Section 27 to
the northeast corner thereof;

Then southerly along section lines to the southeast cor-
ner of Section 34, Township 4 South, Range 10 East;

Then easterly along the township line to the northeast
corner of Section 2, Township 5 South, Range 10 East;

Then southerly along the easterly line of Section 2, to
the southeast corner thereof;

Then easterly along the northerly line of Section 12 to
the northeast corner thereof;

Then southerly along the range line to the southwest
corner of Section 18, Township 5 South, Range 11 East;

Then easterly along section lines to the northeast cor-
ner of Section 24, Township 5 South, Range 11 East;

Then southerly along the range line to the southeast
corner of Section 24, Township 5 South, Range 11 East;

Then southerly along the range line to the southeast
corner of Section 82, Township 8 South, Range 8 East;

Then northerly along section lines to the northwest corner of Section 29, Township 8 South, Range 3 East;
Then westerly along section lines to the southwest corner of Section 24, Township 8 South, Range 3 East;
Then northerly along section lines to the northwest corner of Section 12, Township 8 South, Range 7 East;
Then westerly along section lines to the southwest corner of Section 4, Township 8 South, Range 7 East;
Then northerly along section lines to the northwest corner of Section 21, Township 7 South, Range 7 East;
Then westerly along section lines to the southwest corner of Section 18, Township 7 South, Range 7 East;
Then northerly along the range line to the northwest corner of Section 6, Township 7 South, Range 7 East;
Then westerly along the township line to the southwest corner of Section 34, Township 6 South, Range 6 East;
Then northerly along section lines to the northwest corner of Section 15, Township 6 South, Range 6 East;
Then westerly along section lines to the southwest corner of Section 12, Township 6 South, Range 5 East;
Then northerly along section lines to the northwest corner of Section 24, Township 5 South, Range 5 East;
Then westerly along section lines to the southwest corner of Section 16, Township 5 South, Range 4 East;
Then northerly along section lines to the northwest corner of Section 33, Township 4 South, Range 4 East;
Then westerly along section lines to the southwest corner of Section 30, Township 4 South, Range 4 East;
Then northerly along the range line to the southeast corner of Section 12, Township 4 South, Range 3 East;
Then westerly along section lines to the southwest corner of Section 7, Township 4 South, Range 3 East;

Then north along the range line common to Range 2 East and Range 3 East;

Then west along the township line common to Township 4 South and Township 3 South to the intersection with the southwest boundary of partial Section 31, Township 3 South, Range 1 West;

Then northwest along that line to the intersection with the range line common to Range 2 West and Range 1 West;

Then north to the Riverside-San Bernardino County line;

Then easterly, northerly, and easterly along the Riverside-San Bernardino County Boundary line to the range line common to Range 3 East and Range 2 East;

Then north along said range line to a point on the township line common to Township 2 North and Township 3 North;

Then west along said township line to a point on the line common to San Bernardino and Los Angeles Counties;

Then north along said San Bernardino-Los Angeles County Boundary line to a point common to San Bernardino, Los Angeles, and Kern Counties;

Then east, then north along the boundary line common to San Bernardino and Kern Counties to latitude $35^{\circ}10'$ north;

Then east to longitude $115^{\circ}45'$ west;

Then south to the boundary line common to San Bernardino and Riverside Counties;


Then west along said San Bernardino-Riverside County Boundary line to the Point of Beginning.

FIGURE II

SOUTHEAST DESERT AIR BASIN

RIVERSIDE-SAN BERNARDINO
AIR QUALITY MAINTENANCE AREA

LOCATION OF
BASIN

 Riverside-San Bernardino AQMA

SCALE-MILES

0 10 20 40

