

State of California
AIR RESOURCES BOARD

Notice of Public Availability of Modified Text

PUBLIC HEARING TO CONSIDER AMENDMENTS TO THE DESIGNATION CRITERIA
AND AMENDMENTS TO THE AREA DESIGNATIONS
FOR THE STATE AMBIENT AIR QUALITY STANDARDS

Public Hearing Date: September 24, 1998
Public Availability Date: February 11, 1999
Deadline for Public Comment: February 26, 1999

At its public hearing on September 24, 1998, the Air Resources Board (the "Board") approved the amendment of Title 17, California Code of Regulations (CCR), sections 70300 through 70306 and Appendices 1 through 4, thereof, which contain the criteria used for designating areas with respect to the state ambient air quality standards (state standards) and the amendment of Title 17, CCR, sections 60201 through 60209, which contain the area designations for state standards.

At the public hearing, the staff presented and the Board approved modifications to the amendments to the area designation regulations originally proposed in the Initial Statement of Reasons (Staff Report) released on August 7, 1998. These modifications were in response to air quality data collected during 1998 and to comments received since the Staff Report was published. The modifications to the proposed amendments to the area designation regulations are summarized below.

- Instead of being redesignated as nonattainment-transitional, the following districts will retain the designation of nonattainment for ozone:
 - Monterey Bay Unified Air Pollution Control District.
 - Placer County Air Pollution Control District
(Mountain Counties Air Basin portion).
 - San Luis Obispo County Air Pollution Control District.
 - Tehama County Air Pollution Control District.
 - Yolo-Solano Air Quality Management District.

Rationale: The approved amendments to section 70303.5 of the designation criteria provide for a review of data monitored during the current year in determining whether an area qualifies as nonattainment-transitional for ozone. If data for the current year show more than three exceedances at any monitoring location in the area, the area retains its nonattainment designation. At the time the Staff Report was released, monitoring data for the areas listed above did not show

more than three exceedances of the state ozone standard. However, by the date of the public hearing these areas had experienced more than three exceedances. As a result, the areas do not qualify as nonattainment-transitional for ozone.

- Instead of being redesignated as nonattainment, San Diego County will retain the designation of attainment for sulfates.

Rationale: During 1995 through 1997, there was one measured exceedance of the state sulfate standard in San Diego County. At the time the Staff Report was published, the staff had identified no justification for excluding the value as a highly irregular or infrequent event. The measured exceedance was below the Expected Peak Day Concentration (EPDC) and could not be excluded as an extreme concentration. There was no evidence to suggest that the exceedance was affected by an exceptional event. However, after further investigation, the staff determined that the data for 1995 through 1997 were not sufficiently complete to calculate a valid EPDC. Therefore, the exceedance was evaluated as affected by an unusual concentration event. Since the exceedance was likely caused by transport of sulfur dioxide emissions from a power plant in the Rosarito area of Mexico, and this plant is expected to be converted from fuel oil to natural gas, exceedances are not expected to recur. The staff also determined that the impact of the sulfate exceedance was limited to the local area and the data are not complete enough to support a nonattainment designation at this time. As a result, the Board approved excluding the exceedance as affected by an unusual concentration event, thereby allowing San Diego County to retain its attainment designation for sulfates.

In addition to the above modifications to the amendments to the area designation regulations, the Board approved several minor, nonsubstantive modifications to the originally proposed amendments to the designation criteria. These modifications affect section 70303.5, the requirements for designation as nonattainment-transitional for ozone. There are two general modifications to subsection (a) of the requirements. The first restates the requirements in the present tense rather than the future tense and restates one of the requirements more concretely. These changes make the requirements more straightforward and, therefore, easier to understand. The second modification is a grammatical change that corrects the placement of “and” in the list of requirements 1 through 5 of subsection (a).

Attached is a copy of Board Resolution 98-47 and its Attachments C and D (the modified amendments, as approved by the Board, to sections 70300 through 70306 and Appendices 1 through 4, thereof, and sections 60201 through 60209). These attachments, along with Attachments A and B (the amendments as originally proposed and published in the Staff Report on August 7, 1998), may be viewed by visiting ARB’s website for the 1998 area designations at <http://www.arb.ca.gov/regact/areades/area98/area98.htm>. If you wish to obtain a printed version of Attachments A and B, please contact Ms. Debora Popejoy, Manager of the Air Quality Analysis Section, at (916) 323-5123.

In accordance with the procedures set forth in sections 11346.4 - 11346.8 of the Government Code, the Board directed the Executive Officer to adopt the amendments to sections 70300

through 70306 and Appendices 1 through 4, thereof, and sections 60201 through 60209, Title 17, California Code of Regulations, as modified, after making them available to the public for comment for a period of at least 15 days. The Board further provided that the Executive Officer shall consider such written comments as may be submitted during this period, shall make such modifications as may be appropriate in light of the comments received, and shall present the regulations to the Board for further consideration if warranted.

Written comments on the modifications approved by the Board and shown in Attachments C and D must be submitted to the Clerk of the Board, Air Resources Board, P.O. Box 2815, Sacramento, California 95812, no later than February 26, 1999, for consideration by the Executive Officer prior to final action. Only comments relating to the above-described modifications to the originally proposed amendments to the regulations shall be considered by the Executive Officer.

Attachments

State of California
AIR RESOURCES BOARD

Resolution 98-47

September 24, 1998

Agenda Item No.: 98-10-2

WHEREAS, Health and Safety Code sections 39600 and 39601 authorize the Air Resources Board (the Board or ARB) to adopt standards, rules, and regulations and to do such acts as may be necessary for the proper execution of the powers and duties granted to and imposed upon the Board by law;

WHEREAS, the Legislature enacted the California Clean Air Act of 1988 (the Act; Stats. 1988, ch. 1568) declaring that it is necessary that the State ambient air quality standards (the State standards) be attained by the earliest practicable date to protect the public health, particularly the health of children, older people, and those with respiratory diseases;

WHEREAS, in order to attain the State standards, the Act mandates a comprehensive program of emission reduction measures and planning requirements for the State and the local air pollution control and air quality management districts (the districts) in areas where the State standards are not attained;

WHEREAS, the Act in Health and Safety Code section 39607(e) requires the Board to establish and periodically review criteria for designating an air basin as nonattainment or attainment for any State standard set forth in the California Code of Regulations, Title 17, section 70200 (ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, suspended particulate matter or PM₁₀, sulfates, lead, hydrogen sulfide, and visibility reducing particles);

WHEREAS, on June 8, 1989, the Board adopted and on June 15, 1990; May 15, 1992; December 10, 1992; November 18, 1993; and November 16, 1995, the Board amended the California Code of Regulations, Title 17, sections 70300 through 70306, and Appendices 1 through 4, thereof, establishing designation criteria (the adopted criteria) consistent with the requirements of the Act;

WHEREAS, the Act in Health and Safety Code section 39608(a) requires the Board, in consultation with the districts, to identify and classify each air basin in California as nonattainment, attainment, or unclassified on a pollutant-by-pollutant basis pursuant to the designation criteria established by the Board under Health and Safety Code section 39607(e);

WHEREAS, the Act in Health and Safety Code section 39608(c) also requires the Board to review the area designations annually and update them as new information becomes available;

WHEREAS, on June 9, 1989, the Board approved the initial area designations which are contained in the California Code of Regulations, Title 17, sections 60200 through 60209, and has updated the area designations during each subsequent year;

WHEREAS, section 40925.5(a), as amended by AB 3048, Stats. 1996, ch. 777, mandates districts with a nonattainment designation for the State ozone standard to be designated “nonattainment-transitional” by operation of law if, during a single calendar year, the State standard is not exceeded more than three times at any monitoring location within the district;

WHEREAS, in consultation with the districts and considering comments received from public agencies, industry representatives, and interested persons, the ARB staff proposed amendments to the designation criteria, as set forth in Attachment A, hereto, which do not add new requirements but would clarify current practices, make the regulations easier to interpret and internally consistent, and delete unnecessary or obsolete language and references;

WHEREAS, in consultation with the districts and considering comments received from public agencies, industry representatives, and interested persons, the ARB staff proposed amendments to the table of area designations for the North Central Coast, South Central Coast, Sacramento Valley, and Mountain Counties Air Basins for ozone, to the table of area designations for the San Joaquin Valley and Lake Tahoe Air Basins for carbon monoxide, to the table of area designations for the Northeast Plateau Air Basin for suspended particulate matter (PM₁₀), and to the table of area designations for the San Diego Air Basin for sulfates, as set forth in Attachment B, hereto;

WHEREAS, the ARB staff has proposed additional amendments of nonsubstantive changes to the designation criteria, as set forth in Attachment C, hereto;

WHEREAS, the ARB staff has proposed revised amendments to the table of area designations for the North Central Coast, South Central Coast, Sacramento Valley, and Mountain Counties Air Basins for ozone, and to the table of area designations for the San Diego Air Basin for sulfates, because of newly acquired information, as set forth in Attachment D, hereto;

WHEREAS, these proposed amendments to the tables of area designations also are consistent with the designation criteria, as proposed to be amended, in the California Code of Regulations, Title 17, sections 70300 through 70306, and Appendices 1 through 4, thereof;

WHEREAS, the ARB staff has provided opportunities for public comment and considered such comments before proposing to the Board amendments to the designation criteria and to the area designations;

WHEREAS, the California Environmental Quality Act and Board regulations require that no project which may have significant adverse environmental impacts be adopted as originally proposed if feasible alternatives or mitigation measures are available to reduce or eliminate such impacts;

WHEREAS, a public hearing and other administrative proceedings have been held in accordance with the provisions of Chapter 3.5 (commencing with section 11340), Part 1, Division 3, Title 2 of the Government Code, and the Board has considered the testimony presented by interested persons and the Board staff; and

WHEREAS, the Board finds that:

1. The proposed amendments to the designation criteria comply with the requirements of Health and Safety Code section 39607(e);
2. The proposed amendments to the tables of area designations comply with the requirements of Health and Safety Code section 39608;
3. The proposed amendments to the tables of area designations set forth in the California Code of Regulations, Title 17, sections 60201, 60202, and 60205, are consistent with the designation criteria contained in the California Code of Regulations (CCR), Title 17, sections 70300 through 70306 and Appendices 1 through 4, thereof;
4. The areas not recommended for redesignation include: the Bay Area Air Quality Management District, Monterey Bay Unified Air Pollution Control District, San Luis Obispo County Air Pollution Control District, Tehama County Air Pollution Control District, Yolo-Solano Air Quality Management District, and Placer County Air Pollution Control District (Mountain Counties Air Basin portion) not redesignated to nonattainment-transitional for ozone because of more than three ozone exceedances already recorded in 1998 to-date, consistent with the proposed amendments to CCR, Title 17, section 70303.5; Inyo County, Plumas County, and Sonoma County (North Coast Air Basin portion) not redesignated to nonattainment for ozone because the measured exceedances are excluded as affected by highly irregular or infrequent events, consistent with the provisions of Appendix 2 to the designation criteria; and San Diego Air Basin not redesignated to nonattainment for sulfates because the measured exceedance is excluded as affected by a highly irregular or infrequent event, consistent with the provisions of Appendix 2 to the designation criteria;
5. This regulatory action will not have a significant adverse impact on the environment; in fact, it should ultimately result in environmental benefits because it is part of a multiple step program designed to achieve and maintain the State standards;

6. This regulatory action may have an indirect adverse impact on public health, public welfare, and the environment through future regulatory actions allowed for an area with a designation of “nonattainment-transitional” or “attainment” for a State standard; however, any potential adverse impact on public health, public welfare, and the environment will be considered at the time such regulatory actions are proposed; and
7. There is no alternative considered by the Board which would be more effective in carrying out the purpose of the proposed action or would be as effective and less burdensome to public agencies, small businesses, or private persons or businesses other than small businesses than the proposed action.

NOW, THEREFORE, BE IT RESOLVED that the Board hereby approves the California Code of Regulations, Title 17, sections 70300 through 70306 and Appendices 1 through 4, thereof, as set forth in Attachment A, hereto; and the California Code of Regulations, Title 17, sections 60201 through 60209, as set forth in Attachment B, hereto.

BE IT FURTHER RESOLVED that the Board directs the Executive Officer to adopt the California Code of Regulations, Title 17, sections 70300 through 70306 and Appendices 1 through 4, thereof, as set forth in Attachment C, hereto, and the California Code of Regulations, Title 17, sections 60201 through 60209, as set forth in Attachment D, hereto, after making the modified regulatory language and additional supporting documents and information available for public comment for a period of 15 days, provided that the Executive Officer shall consider such written comments regarding the modification and additional supporting documents and information as may be submitted during this period, shall make modifications as may be appropriate in light of the comments received, and shall present the regulations to the Board for further consideration if he determines that this is warranted.

Resolution 98-47

September 24, 1998

Identification of Attachments to the Resolution

Attachment A: Proposed Amendments to Title 17, California Code of Regulations, sections 70300 through 70306 and Appendices 1 through 4, thereof, as published in the Initial Statement of Reasons on August 7, 1998

Attachment B: Proposed Amendments to Title 17, California Code of Regulations, sections 60201 through 60209, as published in the Initial Statement of Reasons on August 7, 1998

Attachment C: Proposed Amendments to Title 17, California Code of Regulations, sections 70300 through 70306 and Appendices 1 through 4, thereof, with additional modifications as presented at the public hearing on September 24, 1998

Attachment D: Proposed Amendments to Title 17, California Code of Regulations, sections 60201 through 60209, with additional modifications as presented at the public hearing on September 24, 1998

(Note: Attachments A and B are not enclosed but may be viewed at this website:
<http://www.arb.ca.gov/regact/areades/area98/area98.htm>.)

ATTACHMENT C

TEXT OF THE PROPOSED AMENDMENTS TO THE DESIGNATION CRITERIA CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 70300 THROUGH 70306, AND APPENDICES 1 THROUGH 4, THEREOF

(Additions are shown as double underline and deletions as ~~strikeout~~)

(As proposed at the public hearing on September 24, 1998:
additions as double underline italics and deletions as ~~strikeout italics~~)

70300. General Statement of Purpose

The objective of these criteria is to guide the state board in making designations of ~~air basins~~ areas as attainment, nonattainment, ~~nonattainment-transitional~~, or unclassified for each of the pollutants for which state ambient air quality standards have been established in Section 70200.

NOTE: Authority Cited: sections 39600, 39601, 39607, ~~and~~ 39608, and 40925.5, Health and Safety Code. Reference: sections 39607, ~~and~~ 39608, and 40925.5, Health and Safety Code.

70301. Air Quality Data Used for Designations

(a) Except as otherwise provided in this article, designations shall be based on “data for record.”

(1) “Data for record” are those data collected by or under the auspices of the state board or the districts for the purpose of measuring ambient air quality, and which the executive officer has determined comply with the siting and quality assurance procedures established in Part 58, Title 40, Code of Federal Regulations, as they existed on July 1, 1987, or other equivalent procedures.

(2) ~~The executive officer shall also determine within 90 days of submittal of complete supporting documentation whether a~~ Any other data which are provided by a district or by any other person will be data for record if the executive officer determines within 90 days of submittal of complete supporting documentation that the data comply with the siting and quality assurance procedures established in Part 58, Title 40, Code of Federal Regulations, as they existed on July 1, 1987, or other equivalent procedures ~~and shall be data for record~~. If the executive officer finds there is good cause that 90 days is insufficient time to make a determination, he/she may after notification of the person requesting the data review extend the deadline for completion of the data review.

(b) Except as otherwise provided in this article, designations and reviews of designations

~~shall~~ will be based on data for record for the three calendar years prior to the year in which the designation is made or the annual review of the designation is conducted.

(c) Data as described in section 70301(a)(1) and (2) become data for record upon completion of the executive officer's review.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70302. Geographic Extent of Designations

(a) An air basin ~~shall~~ will be the area designated for ozone, nitrogen dioxide, suspended particulate matter (PM10), sulfates, and visibility reducing particles. Provided, however, if the state board finds (based on air quality data, meteorology, topography, or the distribution of population and emissions) that there are areas within an air basin with distinctly different air quality deriving from sources and conditions not affecting the entire air basin, the state board may designate an area smaller than an air basin using political boundary lines to the extent practicable. In designating an area smaller than an air basin as nonattainment, the state board ~~shall~~ will include within the area those sources whose emissions contribute to a violation of a standard for that pollutant. Contiguous areas which would have the same designation within an air basin ~~shall~~ will be one designated area.

(b) A county or the portion of a county which is located within an air basin ~~shall~~ will be the area designated for carbon monoxide, sulfur dioxide, lead (particulate), and hydrogen sulfide. Provided, however, if the state board finds (based on air quality data, meteorology, topography, or the distribution of population and emissions) that there are areas within the county with distinctly different air quality, it may designate a smaller area. In designating an area smaller than a county as nonattainment, the state board ~~shall~~ will include within the area those sources whose emissions contribute to a violation of a standard for that pollutant.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 38608, Health and Safety Code.

70303. Criteria for Designating an Area as Nonattainment

(a) The state board ~~shall~~ will designate an area as nonattainment for a pollutant if:

(1) Data for record show at least one violation of a state standard for that pollutant in the area, and the measurement of the violation meets the representativeness criteria set forth in "Criteria for Determining Data Representativeness" contained in Appendix 1 to this article; or

(2) Limited or no air quality data were collected in the area, but the state board finds, based on meteorology, topography, and air quality data for an adjacent nonattainment area, that there has been at least one violation of a state standard for that pollutant in the area being designated.

(b) An area ~~shall~~ will not be designated as nonattainment if the only recorded exceedance(s) of that standard were based solely on data for record determined to be affected by a highly irregular or infrequent event. Data affected by a highly irregular or infrequent event will be identified as such by the executive officer in accordance with the "Air Resources Board Procedure for Reviewing Air Quality Data Possibly Affected by a Highly Irregular or Infrequent Event," set forth in Appendix 2 to this article.

~~(c) The state board shall, if requested by a district no later than May 1 of each year pursuant to section 70306, identify that portion of a designated area within the district as nonattainment transitional for a pollutant other than ozone with a standard averaging time less than or equal to 24 hours and for which samples are routinely collected every day if it finds that:~~

~~(1) Data for record for the previous calendar year are consistent with the criteria established in section 70304(a)(2) and show two or fewer days at each site in the area with violations of a state standard for that pollutant (not including exceedances found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2);~~

~~(2) Evaluation of multi-year air quality, meteorological, and emission data indicates that ambient air quality either has stabilized or is improving and that every site in the area is expected to reach attainment within three years; and~~

~~(3) The geographic extent of the area is consistent with the criteria established in section 70302.~~

~~(d) An area designated as nonattainment transitional for a pollutant is close to attaining the standard(s) for that pollutant. The nonattainment transitional designation provides an opportunity for a district to review and potentially to modify its attainment plan. Any modification to an attainment plan must be consistent with state and federal regulations and statutes.~~

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, ~~and 40925.5~~; Health and Safety Code. Reference: sections 39607, and 39608, ~~and 40925.5~~; Health and Safety Code.

70303.1. Criteria for Designating an Area as Nonattainment-Transitional for Pollutants Other than Ozone

(a) Nonattainment-transitional is a subcategory of the nonattainment designation. The state board will, if requested by a district no later than May 1 of each year pursuant to section

70306, identify that portion of a designated area within the district as nonattainment-transitional for a pollutant other than ozone with a standard averaging time less than or equal to 24 hours and for which samples are routinely collected every day if it finds that:

(1) Data for record for the previous calendar year are consistent with the criteria established in section 70304(a)(2) and show two or fewer days at each site in the area with violations of a state standard for that pollutant (not including exceedances found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2);

(2) Evaluation of multi-year air quality, meteorological and emission data indicates that ambient air quality either has stabilized or is improving and that every site in the area is expected to reach attainment within three years; and

(3) The geographic extent of the area is consistent with the criteria established in section 70302.

(b) An area designated as nonattainment-transitional for a pollutant is close to attaining the standard(s) for that pollutant. The nonattainment-transitional designation provides an opportunity for a district to review and potentially to modify its attainment plan. Any modification to an attainment plan must be consistent with state and federal regulations and statutes.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code. Reference: sections 39607 and 39608, Health and Safety Code.

70303.5. Requirements for Ozone Nonattainment-Transitional

(a) In evaluating whether a district meets the requirements of HSC 40925.5, the state board shall use the following guidelines: If an area within an air basin is designated as nonattainment for ozone, that area is designated as nonattainment-transitional for ozone if the following conditions are met:

(1) The area is a district, or the area is a portion of a district consistent with the criteria established in section 70302(a);

(2) Data for record for the previous calendar year must be consistent with the criteria established in section 70304(a)(2) to ensure that no more than three exceedances have occurred ~~will be~~ *are* used to determine the number of exceedances for the previous calendar year at each monitoring location in the area;

(23) All data collected during the previous calendar year ~~will be~~ *are* considered in the evaluation, including data possibly affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2;

(34) Each day with concentration(s) that exceed the state ozone standard ~~will be~~

is counted as one exceedance day; ~~and~~ and

(45) ~~No monitoring location may have more than three exceedance days during the previous calendar year. If any No monitoring location in the area has more than three exceedance days during the previous calendar year, the area is not designated as nonattainment-transitional for ozone; and.~~

(b) If an area qualifies for designation as nonattainment-transitional for ozone for the previous calendar year under section 70303.5(a), and the executive officer has determined that data for the current calendar year indicate more than three exceedance days at any one monitoring location, that area is designated as nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 40925.5, Health and Safety Code.
Reference: sections 39607 and 40925.5, Health and Safety Code.

70304. Criteria for Designating an Area as Attainment

(a) The state board ~~shall~~ will designate an area as attainment for a pollutant if:

(1) Data for record show that no state standard for that pollutant was violated at any site in the area; and

(2) Data for record meet representativeness and completeness criteria for a location at which the pollutant concentrations are expected to be high based on the spatial distribution of emission sources in the area and the relationship of emissions to air quality. Data representativeness criteria are set forth in "Criteria for Determining Data Representativeness" contained in Appendix 1 to this article. Data completeness criteria are set forth in "Criteria for Determining Data Completeness" contained in Appendix 3 to this article.

(b) Where there are limited or no air quality data for an area, the state board ~~shall~~ will designate the area as attainment for a pollutant if it finds that no state standard for that pollutant has been violated in that area based on:

(1) Air quality data collected in the area during the most recent period since 1980 which meet the conditions in (a) above;

(2) Emissions of that pollutant or its precursors in the area have not increased since that period to a level at which the standard might be exceeded; and

(3) Air quality data collected in the area since the time period in (1) above do not show a violation of the state standard.

(c) Where an area has limited or no air quality data for nitrogen dioxide, sulfur dioxide, sulfates, and lead (particulate), the state board shall designate that area attainment for a pollutant if it finds that no state standard for that pollutant has been violated in that area based on the "Screening Procedure for Determining Attainment Designations for Areas with Incomplete Air

Quality Data" set forth in Appendix 4 to this article.

(d) A nonattainment area ~~shall~~ will not be redesignated as attainment for a pollutant if:

(1) Data for record for the monitoring site showing the greatest violation of a state standard for that pollutant no longer are available; and

(2) No other site has been identified as equivalent by the executive officer.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70305. Criteria for Designating an Area as Unclassified

The state board ~~shall~~ will designate an area as unclassified for a pollutant if it finds that, except as otherwise provided in this article, the data do not support a designation of attainment or nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70306. Annual Review of Designations

(a) The executive officer ~~shall~~ will conduct annual reviews of all designations and ~~shall~~ will propose revisions to the designations as necessary to the state board. The executive officer ~~shall~~ will complete the annual reviews by November 15.

(b) Any request for a change in a designation and any submittal of information for purposes of the executive officer's consideration in the annual review of a designation shall be provided in writing to the executive officer no later than May 1 of each year.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

APPENDIX 1

CRITERIA FOR DETERMINING DATA REPRESENTATIVENESS

This Appendix describes the criteria to be used in determining data representativeness for the purpose of designating areas as described in ~~this Article 3, Subchapter 1.5, Chapter 1, Part III, Title 17 (commencing with section 70300), California Code of Regulations.~~ Representativeness, as used here, is only related to whether or not the amount of data reported is ~~deemed~~ sufficiently complete to characterize reliably air quality during the respective time period. No other kind of representativeness is implied. The criteria for representativeness are summarized in the accompanying table and discussed further, below.

Air quality statistics are usually computed from short term observed values. For example, an annual arithmetic mean is computed from all available hourly samples. If all the short term values for the statistical time period are available, the calculated statistic is representative. However, because all the short term values for a given period often are not available, a minimum number of observations are needed to provide reasonable assurance that the calculated value is a reliable estimate. In general, statistics are considered representative if 75 percent of the possible short term values are included and are distributed throughout the entire statistical time period.

To ensure that seasonal variations are accounted for, representative annual statistics are required to have four representative calendar quarters of data. ~~Because~~ For example, if an annual mean is based on 24 hour samples, such as that computed for suspended particulate matter (PM10) samples, three representative months are required for each calendar quarter. ~~the~~ —A 24 hour particulate sample is collected once every six days or a total of five samples per 31 day month. Therefore, three or fewer samples (less than or equal to 60 percent data recovery) do not meet the criterion for a reliable estimate of the monthly mean concentration. The lack of representativeness of the monthly mean concentrations precludes a reliable estimate of a representative calendar quarter, which in turn precludes the representativeness of an annual statistic. Each level of criteria--hour, day, month, quarter, and year--must be met in order to make a representative annual statistic.

For observations made at less than 24-hour intervals, for example, hourly samples, representativeness depends on whether all the individual values are to be used or only a single daily value is to be used. In general, for representative statistics computed from all of the individual values, such as the mean of all hours, 75 percent of the values in the respective period are required. For representative statistics computed from daily values, such as the monthly mean of daily maximum hours, data from 75 percent of the days in the month are required and the data within those days must meet the relevant representativeness criteria.

CRITERIA FOR REPRESENTATIVENESS OF AIR QUALITY MEASUREMENTS AND STATISTICS

<u>Representative Calendar Statistic</u>	<u>Sampling Time Period</u>	<u>Basis of Statistic or Requirement</u>	<u>Number of Representative Periods Required</u>
Year	Any		4 representative calendar quarters
Quarter	24-hour	Based on a daily sample	3 representative months
	< 24-hours <	Based on a daily statistic; or	69 or more representative calendar days
	< 24-hours <	Based on hourly samples	1,643 or more hours
Month	24-hour	Based on daily sample	4 or more 24-hour samples
	< 24-hours <	Based on a daily statistic; or	23 or more representative calendar days
	< 24-hours <	Based on all hourly samples; or	548 or more hours
	< 24-hours <	Based on all 2-hour samples; or	274 or more 2-hour samples
	< 24-hours <	Based on all 3-hour samples	183 or more 3-hour samples
Day	1-hour		6 or more hours in each 1/3 day (hours 0 thru 7, 8 thru 15, 16 thru 23), and missing no more than 2 consecutive hourly samples
	< 2-hour	Based on all 2-hour samples	9 or more samples
	3-hour	Based on all 3-hour samples	6 or more samples
	24-hour	Based on daily sample	22 but not more than 26 hours of sampling

	<u>N</u>	<u>Number of Samples Needed</u>
Mean of N Hour 6 Period	24	18 or more hourly samples
	8	6 or more hourly samples
	5 or more	hourly samples
	4	3 hourly samples
	3	3 hourly samples
	2	2 hourly samples
	1	30 minutes or more of sampling

APPENDIX 2

AIR RESOURCES BOARD PROCEDURE FOR REVIEWING AIR QUALITY DATA POSSIBLY AFFECTED BY A HIGHLY IRREGULAR OR INFREQUENT EVENT

This Appendix describes the procedures that the Air Resources Board will use for reviewing air quality data possibly affected by a highly irregular or infrequent event with regard to the state ambient air quality standards. All decisions regarding the identification of data as being affected by a highly irregular or infrequent event will be made by the executive officer.

The executive officer will review air quality data for possible identification as affected by a highly irregular or infrequent event if the data are the only exceedances of an air quality standard in the area or if such identification would otherwise affect the designation of the area.

Three types of highly irregular or infrequent events may be identified:

1. Extreme Concentration ~~Exceptional~~ Event.
2. Exceptional ~~Extreme Concentration~~ Event.
3. Unusual Concentration Event.

Exceptional Events

~~An exceptional event is an event beyond reasonable regulatory control which causes an exceedance of a state standard. An exceptional event must be linked to a specific cause such as an act of nature or unusual human activity. As guidance to the states for determining exceptional events, the federal Environmental Protection Agency (EPA) has published Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events, (EPA 450/4-86-007), July 1986 (the EPA Guideline). The EPA Guideline provides overall criteria for determining whether an event is exceptional with regard to the national standards. The executive officer will use the EPA Guideline as a general basis for reviewing ambient data, but will not be bound by the specific definitions in the EPA Guideline for the various types of exceptional events because those definitions are made on a national basis. In addition, since what may be exceptional in one part of the state may be common in another, each possible event will be evaluated on a case-by-case basis.~~

~~The steps for identifying an exceptional event are:~~

1. ~~— A district (or the executive officer) identifies questionable data.~~
2. ~~— If a known exceptional event has occurred, the district gathers relevant data to document the occurrence.~~
3. ~~— If an exceptional event is only suspected, the district investigates available data for the possible event.~~

4. ~~The district submits to the executive officer a request for identifying the data as affected by an exceptional event and also provides supporting documentation.~~
5. ~~If the executive officer concurs with the district, he/she will identify the data as affected by an exceptional event.~~
6. ~~If the district's request for identifying data as affected by an exceptional event cannot be supported, the district will be notified of the reasons. The executive officer will consider any additional data to support the request, but in the absence of any new evidence, will disapprove the request.~~

Extreme Concentration Events

An extreme concentration event is an event beyond reasonable regulatory control which causes an exceedance of a state standard ~~but which does not qualify as an exceptional event.~~ An extreme concentration event is based on a statistical procedure and may not always be linked to a specific identifiable cause. The causes of an extreme concentration event include but are not limited to unusual meteorology.

The steps for identifying an extreme concentration event are:

1. A district (or the executive officer) identifies questionable data.
2. ~~If the event is not an exceptional event, with an identifiable cause, the executive officer will evaluate the data as affected by an extreme concentration event.~~
3. In evaluating a possible extreme concentration event, the executive officer ~~shall~~ will use the data for the site at which the event is suspected to determine a limit for concentrations expected to recur no more frequently than once in one year. The limit ~~shall~~ will be determined using the “exponential tail method” described in ~~Part I section B.1. of the “Supplement to the Technical Support Document for Proposed Amendments to the Criteria for Designating Areas of California as Nonattainment, Attainment, or Unclassified for State Ambient Air Quality Standards” (May 1992) Procedure for Computing the Values Used in Identifying Extreme Concentration Events (August 1998),~~ which is incorporated by reference herein. Using conventional

rounding procedures, the limit ~~shall~~ will be consistent with the level of precision in which the standard is expressed. If the possible extreme concentration exceeds the concentration expected to recur no more frequently than once in one year, the executive officer will consult with the district in identifying the data as affected by an extreme concentration event.

43. When an extreme concentration event is identified, the executive officer ~~shall~~ will review other information, including but not limited to meteorological data, to determine whether air quality data for other sites in the area were affected by the extreme concentration event.

Exceptional Events

An exceptional event is an event beyond reasonable regulatory control which causes an exceedance of a state standard. An exceptional event must be linked to a specific cause such as an act of nature or unusual human activity. As guidance to the states for determining exceptional events, the federal Environmental Protection Agency (EPA) has published Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events, (EPA-450/4-86-007), July 1986 (the EPA Guideline). The EPA Guideline provides overall criteria for determining whether an event is exceptional with regard to the national standards. The executive officer will use the EPA Guideline as a general basis for reviewing ambient data, but will not be bound by the specific definitions in the EPA Guideline for the various types of exceptional events because those definitions are made on a national basis. In addition, since what may be exceptional in one part of the state may be common in another, each possible event will be evaluated on a case-by-case basis.

The steps for identifying an exceptional event are:

1. A district (or the executive officer) identifies questionable data.
2. If a known exceptional event has occurred, the district gathers relevant data to document the occurrence.
3. If an exceptional event is only suspected, the district investigates available data for the possible event.
4. The district submits to the executive officer a request for identifying the data as affected by an exceptional event and also provides supporting documentation.

5. If the executive officer concurs with the district, he/she will identify the data as affected by an exceptional event.
6. If the district's request for identifying data as affected by an exceptional event cannot be supported, the district will be notified of the reasons. The executive officer will consider any additional data to support the request, but in the absence of any new evidence, will disapprove the request.

Unusual Concentration Events

An unusual concentration event is an event which causes an anomalous exceedance of a state standard and which does not qualify as an ~~exceptional event or an extreme concentration event~~ or an exceptional event. An exceedance affected by an unusual concentration event may be identified only for an area designated as attainment or unclassified at the time of the exceedance.

The steps for identifying an unusual concentration event are:

1. A district (or the executive officer) identifies a questionable exceedance(s).
2. If the exceedance(s) has not been identified as having been affected by an extreme concentration event or an exceptional event ~~or an extreme concentration event~~, and if the area was designated as attainment or unclassified at the time of the exceedance(s), the executive officer will review the exceedance(s) to determine whether it was affected by an unusual concentration event.
3. In evaluating a possible unusual concentration event, the executive officer ~~shall~~ will consider all relevant information, including but not limited to the amount and characteristics of air quality data, emission data, meteorological data, potential public health and welfare impacts, and any applicable state, district, and federal rules and regulations. To identify the exceedance(s) as affected by an unusual concentration event, the executive officer must find, based on the relevant information, that the impact of the exceedance(s) is limited to the local area, the exceedance(s) is not expected to recur, and that the data do not support a nonattainment designation.

4. If the exceedance(s) qualifies as possibly affected by an unusual concentration event, the executive officer will consult with the district in identifying the exceedance(s) as affected by an unusual concentration event.

5. An area may retain its attainment or unclassified designation based on the identification and exclusion of an exceedance(s) affected by an unusual concentration event for no more than three consecutive years. If the executive officer identifies an exceedance(s) affected by an unusual concentration event in the area in the fourth consecutive year, the area ~~shall~~ will be redesignated as nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

APPENDIX 3

CRITERIA FOR DETERMINING DATA COMPLETENESS

This Appendix describes the criteria to be used in determining data completeness for the purpose of designating areas as attainment or nonattainment-transitional as described in this Article 3, Subchapter 1.5, Chapter 1, Part III, Title 17 (commencing with section 70300), California Code of Regulations. The purpose of these data completeness criteria is to specify the minimum data ~~deemed~~ necessary to assure that sampling occurred at times when a violation is most likely to occur.

Complete Data

Data for a site will be ~~deemed~~ complete if there are representative data (as determined in accordance with the Representativeness Criteria in Appendix 1) during the required hours (see below) of the day during the required months (see below) for the required years (see below).

Required Hours

The hours of potentially high concentration must be included. Unless a detailed evaluation determines different hours to be appropriate for a specific site, these hours are:

<u>Pollutant</u>	<u>Hours (PST)</u>
Ozone	9 am - 5 pm
Carbon Monoxide	3 pm - 9 am (next day)
Nitrogen Dioxide	8 am - 8 pm
Visibility Reducing Particles	10 am - 6 pm
Other Pollutants	Throughout day

Required Months

The months of potentially high concentrations must be included. Unless a detailed evaluation determines different months to be appropriate for a specific site, these months are:

<u>Pollutant</u>	<u>Months</u>
Ozone	July - September
Carbon Monoxide	January, November - December
Nitrogen Dioxide	October - December
Sulfur Dioxide	September - December
Sulfates	January, June - December
Lead (Particulate)	January, November - December
Other Pollutants	January - December

Required Years

The number of years to be included is:

- a) Three; or
- b) Two, if during these years the maximum pollutant concentration (not including data found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2) is less than three-fourths the applicable state ambient air quality standard; or
- c) One, if during this year the maximum pollutant concentration (not including data found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2) is less than one-half the applicable state ambient air quality standard.

APPENDIX 4

SCREENING PROCEDURE FOR DETERMINING ATTAINMENT DESIGNATIONS FOR AREAS WITH INCOMPLETE AIR QUALITY DATA

This Appendix describes the screening procedure that will serve as the basis for making a pollutant-specific finding under section 70304(c) that the state ambient air quality standard is being attained for areas with no or an incomplete air quality data record. The procedure is applicable only for nitrogen dioxide, sulfur dioxide, sulfates, and lead (particulate). For those areas with some air quality data for the prior three years, the screening procedure will be applied for a pollutant only if the maximum concentrations of that pollutant in the area did not exceed 75 percent of the state standard(s).

<u>Pollutant</u>		<u>Screening Parameters</u>	<u>Screening Values</u>
Nitrogen Dioxide	a)	Basin Population	1,000,000 people
	b)	Total Annual NO _x Emissions in Air Basin	40,000 tons/yr
	c)	Total Annual Point Source NO _x Emissions in County	2,100 tons/yr
Sulfur Dioxide	a)	Total Annual Point Source SO _x emissions in County	1,700 tons/yr
	b)	Maximum Annual SO _x Emissions from Single Facility in County	900 tons/yr
Sulfates	a)	Total Annual SO _x Emissions in Air Basin	19,000 tons/yr
	b)	Total Annual Point Source SO _x Emissions in County	1,700 tons/yr
	c)	Maximum Annual SO _x Emissions from Single Facility in County	900 tons/yr
Lead	a)	County Population	600,000 people
	b)	Maximum Annual Lead Emissions from Single Facility in County	0.5 tons/yr

For an area to which these values are applied, the local values of the applicable screening parameters will be compared to the respective screening values. The area will be presumed to be attainment if none of the applicable screening parameters for a pollutant exceed the associated screening values.

ATTACHMENT D

TEXT OF THE PROPOSED AMENDMENTS TO THE AREA DESIGNATIONS
CALIFORNIA CODE OF REGULATIONS, TITLE 17,
SECTIONS 60201 THROUGH 60209

(Additions are shown as underline italics and deletions as ~~strikeout~~)
(As proposed at the public hearing on September 24, 1998:
additions as double underline italics and deletions as ~~strikeout italics~~)

60201. Table of Area Designations for Ozone

Area	Designation
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Nonattainment
North Central Coast Air Basin [±]	Nonattainment <u>Nonattainment</u> Nonattainment-Transitional
South Central Coast Air Basin	Nonattainment <u>Nonattainment</u>
<u>San Luis Obispo County</u> [±]	Nonattainment-Transitional
<u>Remainder of Basin</u>	Nonattainment
South Coast Air Basin	Nonattainment
San Diego Air Basin	Nonattainment
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	
Butte County	Nonattainment-Transitional
<u>Colusa County</u> ¹	<u>Nonattainment-Transitional</u>
Glenn County	Nonattainment-Transitional
<u>Solano County</u> [±]	Nonattainment-Transitional
<u>Tehama County</u> [±]	Nonattainment-Transitional
<u>Yolo County</u> [±]	Nonattainment-Transitional
Remainder of Basin	Nonattainment
San Joaquin Valley Air Basin	Nonattainment
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Unclassified
Mono County	Nonattainment-Transitional
Mojave Desert Air Basin	Nonattainment
Salton Sea Air Basin	Nonattainment

60201. Table of Area Designations for Ozone (continued)

Area	Designation
Mountain Counties Air Basin	
Amador, Calaveras, El Dorado, Nevada, <u>Placer</u> , Placer, Mariposa, and Tuolumne Counties	Nonattainment
<u>Placer County</u> ¹	<u>Nonattainment-Transitional</u>
Plumas and Sierra Counties	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

¹ Designation by operation of law (1997~~8~~), under H&SC, section 40925.5.

² ~~Designation by operation of law (1996), under H&SC, section 40925.5.~~

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code. Reference: sections 39608 and 40925.5(a), Health and Safety Code.

60202. Table of Area Designations for Carbon Monoxide

Area	Designation
North Coast Air Basin	
Del Norte County	Unclassified
Humboldt County	Attainment
Mendocino County	Attainment
Sonoma County	Unclassified
Trinity County	Unclassified
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Unclassified
Santa Cruz County	Unclassified
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Nonattainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	Attainment
Northeast Plateau Air Basin	
Lassen County	Unclassified
Modoc County	Unclassified
Siskiyou County	Unclassified

60202. Table of Area Designations for Carbon Monoxide (continued)

Area	Designation
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Unclassified
Glenn County	Unclassified
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Unclassified
Solano County	Attainment
Sutter County	Attainment
Tehama County	Unclassified
Yolo County	Attainment
Yuba County	Unclassified
San Joaquin Valley Air Basin	
Fresno County	<u>Attainment</u>
Fresno Urbanized Area ⁺	Nonattainment
Remainder of County	Attainment
Kern County	Attainment
Kings County	Unclassified
Madera County	Unclassified
Merced County	Unclassified
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Attainment
Mono County	Attainment

60202. Table of Area Designations for Carbon Monoxide (continued)

Area	Designation
Mojave Desert Air Basin	
Kern County	Unclassified
Los Angeles County	Attainment
Riverside County	Unclassified
San Bernardino County	Attainment
Salton Sea Air Basin	
Imperial County	
City of Calexico ²¹	Nonattainment
Remainder of County	Unclassified
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Unclassified
Calaveras County	Unclassified
El Dorado County	Unclassified
Mariposa County	Unclassified
Nevada County	Unclassified
Placer County	Unclassified
Plumas County	Attainment
Sierra County	Unclassified
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	<u>Attainment</u>
El Dorado County	Nonattainment-Transitional
Placer County	Attainment

1. ~~50 Fed. Reg. 47735 (November 20, 1985); 45 Fed. Reg. 53149 (August 11, 1980); City of Fresno Department of Planning and Inspection, 1974 General Plan Report of the FCMA, page 4.~~

~~2.1.~~ section 60200(a).

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60203. Table of Area Designations for Nitrogen Dioxide

Area	Designation
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Attainment
North Central Coast Air Basin	Attainment
South Central Coast Air Basin	Attainment
South Coast Air Basin	Attainment
San Diego Air Basin	Attainment
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	Attainment
San Joaquin Valley Air Basin	Attainment
Great Basin Valleys Air Basin	Attainment
Mojave Desert Air Basin	Attainment
Salton Sea Air Basin	Attainment
Mountain Counties Air Basin	Attainment
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60204. Table of Area Designations for Sulfur Dioxide

Area	Designation
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Attainment
Santa Cruz County	Attainment
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Attainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	
San Diego County	Attainment
Northeast Plateau Air Basin	
Lassen County	Attainment
Modoc County	Attainment
Siskiyou County	Attainment

60204. Table of Area Designations for Sulfur Dioxide (continued)

Area	Designation
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Attainment
Glenn County	Attainment
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Attainment
Solano County	Attainment
Sutter County	Attainment
Tehama County	Attainment
Yolo County	Attainment
Yuba County	Attainment
San Joaquin Valley Air Basin	
Fresno County	Attainment
Kern County	Attainment
Kings County	Attainment
Madera County	Attainment
Merced County	Attainment
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Attainment
Inyo County	Attainment
Mono County	Attainment
Mojave Desert Air Basin	
Kern County	Attainment
Los Angeles County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment

60204. Table of Area Designations for Sulfur Dioxide (continued)

Area	Designation
Salton Sea Air Basin	
Imperial County	Attainment
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Attainment
Calaveras County	Attainment
El Dorado County	Attainment
Mariposa County	Attainment
Nevada County	Attainment
Placer County	Attainment
Plumas County	Attainment
Sierra County	Attainment
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Attainment
Placer County	Attainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60205. Table of Area Designations for Suspended Particulate Matter (PM10)

Area	Designation
North Coast Air Basin	Nonattainment
San Francisco Bay Area Air Basin	Nonattainment
North Central Coast Air Basin	Nonattainment
South Central Coast Air Basin	Nonattainment
South Coast Air Basin	Nonattainment
San Diego Air Basin	Nonattainment
Northeast Plateau Air Basin	<u>Nonattainment</u>
Modoc and Siskiyou Counties	Nonattainment
Lassen County	Unclassified
Sacramento Valley Air Basin	Nonattainment
San Joaquin Valley Air Basin	Nonattainment
Great Basin Valleys Air Basin	Nonattainment
Mojave Desert Air Basin	Nonattainment
Salton Sea Air Basin	Nonattainment
Mountain Counties Air Basin	
El Dorado, Nevada, Placer	
Plumas, and Sierra Counties	Nonattainment
Amador County	Unclassified
Calaveras County	Nonattainment
Mariposa County Portion of	
Yosemite National Park	Nonattainment
Remainder of Mariposa and Tuolumne Counties	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Nonattainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code. Reference: section 39608, Health and Safety Code

60206. Table of Area Designations for Sulfates

Area	Designation
-	
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Attainment
North Central Coast Air Basin	Attainment
South Central Coast Air Basin	Attainment
South Coast Air Basin	Attainment
San Diego Air Basin	Attainment
	<u>Attainment</u>
	<u>Nonattainment</u>
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	Attainment
San Joaquin Valley Air Basin	Attainment
Great Basin Valleys Air Basin	Attainment
Mojave Desert Air Basin	
San Bernardino County Portion of Searles Valley Planning Area ¹	Nonattainment
Remainder of Air Basin	Attainment
Salton Sea Air Basin	Attainment
Mountain Counties Air Basin	Attainment
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

1. 52 Fed. Reg. 29384 (August 7, 1987); U.S. Geological Survey 1974, *Hydrologic Unit Map-State of California*, Hydrological Unit #18090205.

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60207. Table of Area Designations for Lead (Particulate)

Area	Designation
North Coast Air Basin	
Del Norte County	Attainment
Humboldt County	Attainment
Mendocino County	Attainment
Sonoma County	Attainment
Trinity County	Attainment
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Attainment
Santa Cruz County	Attainment
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Attainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	
San Diego County	Attainment
Northeast Plateau Air Basin	
Lassen County	Attainment
Modoc County	Attainment
Siskiyou County	Attainment

60207. Table of Area Designations for Lead (Particulate) (continued)

Area	Designation
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Attainment
Glenn County	Attainment
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Attainment
Solano County	Attainment
Sutter County	Attainment
Tehama County	Attainment
Yolo County	Attainment
Yuba County	Attainment
San Joaquin Valley Air Basin	
Fresno County	Attainment
Kern County	Attainment
Kings County	Attainment
Madera County	Attainment
Merced County	Attainment
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Attainment
Inyo County	Attainment
Mono County	Attainment

60207. Table of Area Designations for Lead (Particulate) (continued)

Area	Designation
Mojave Desert Air Basin	
Kern County	Attainment
Los Angeles County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
Salton Sea Air Basin	
Imperial County	Attainment
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Attainment
Calaveras County	Attainment
El Dorado County	Attainment
Mariposa County	Attainment
Nevada County	Attainment
Placer County	Attainment
Plumas County	Attainment
Sierra County	Attainment
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Attainment
Placer County	Attainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60208. Table of Area Designations for Hydrogen Sulfide

Area	Designation
North Coast Air Basin	
Del Norte County	Unclassified
Humboldt County	Attainment
Mendocino County	Unclassified
Sonoma County	
Geysler Geothermal Area ¹	Attainment
Remainder of County	Unclassified
Trinity County	Unclassified
San Francisco Bay Area Air Basin	
Alameda County	Unclassified
Contra Costa County	Unclassified
Marin County	Unclassified
Napa County	Unclassified
San Francisco County	Unclassified
San Mateo County	Unclassified
Santa Clara County	Unclassified
Solano County	Unclassified
Sonoma County	Unclassified
North Central Coast Air Basin	
Monterey County	Unclassified
San Benito County	Unclassified
Santa Cruz County	Unclassified
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Unclassified
South Coast Air Basin	
Los Angeles County	Unclassified
Orange County	Unclassified
Riverside County	Unclassified
San Bernardino County	Unclassified
San Diego Air Basin	
San Diego County	Unclassified
Northeast Plateau Air Basin	
Lassen County	Unclassified
Modoc County	Unclassified
Siskiyou County	Unclassified

60208. Table of Area Designations for Hydrogen Sulfide (continued)

Area	Designation
Sacramento Valley Air Basin	
Butte County	Unclassified
Colusa County	Unclassified
Glenn County	Unclassified
Placer County	Unclassified
Sacramento County	Unclassified
Shasta County	Unclassified
Solano County	Unclassified
Sutter County	Unclassified
Tehama County	Unclassified
Yolo County	Unclassified
Yuba County	Unclassified
San Joaquin Valley Air Basin	
Fresno County	Unclassified
Kern County	Unclassified
Kings County	Unclassified
Madera County	Unclassified
Merced County	Unclassified
San Joaquin County	Unclassified
Stanislaus County	Unclassified
Tulare County	Unclassified
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Attainment
Mono County	Attainment

60208. Table of Area Designations for Hydrogen Sulfide (continued)

Area	Designation
Mojave Desert Air Basin	
Kern County	Unclassified
Los Angeles County	Unclassified
Riverside County	Unclassified
San Bernardino County	
County Portion of	Searles
Valley Planning Area ²	Nonattainment
Remainder of County	Unclassified
Salton Sea Air Basin	
Imperial County	Unclassified
Riverside County	Unclassified
Mountain Counties Air Basin	
Amador County	
City of Sutter Creek	Nonattainment
Remainder of County	Unclassified
Calaveras County	Unclassified
El Dorado County	Unclassified
Mariposa County	Unclassified
Nevada County	Unclassified
Placer County	Unclassified
Plumas County	Unclassified
Sierra County	Unclassified
Tuolumne County	Unclassified
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Unclassified
Placer County	Unclassified

1. section 60200(d).

2. 52 Fed. Reg. 29384 (August 7, 1987); U.S. Geological Survey 1974, *Hydrologic Unit Map-State of California*, Hydrological Unit #18090205.

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60209. Table of Area Designations for Visibility Reducing Particles

Area	Designation
North Coast Air Basin	Unclassified
San Francisco Bay Area Air Basin	Unclassified
North Central Coast Air Basin	Unclassified
South Central Coast Air Basin	Unclassified
South Coast Air Basin	Unclassified
San Diego Air Basin	Unclassified
Northeast Plateau Air Basin	Unclassified
Sacramento Valley Air Basin	Unclassified
San Joaquin Valley Air Basin	Unclassified
Great Basin Valleys Air Basin	Unclassified
Mojave Desert Air Basin	Unclassified
Salton Sea Air Basin	Unclassified
Mountain Counties Air Basin	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Unclassified

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

ATTACHMENT A

TEXT OF THE PROPOSED AMENDMENTS TO THE DESIGNATION CRITERIA CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 70300 THROUGH 70306, AND APPENDICES 1 THROUGH 4, THEREOF (Additions are shown as double underline and deletions as ~~strikeout~~)

70300. General Statement of Purpose

The objective of these criteria is to guide the state board in making designations of ~~air basins~~ areas as attainment, nonattainment, nonattainment-transitional, or unclassified for each of the pollutants for which state ambient air quality standards have been established in Section 70200.

NOTE: Authority Cited: sections 39600, 39601, 39607, ~~and~~ 39608, and 40925.5, Health and Safety Code. Reference: sections 39607, ~~and~~ 39608, and 40925.5, Health and Safety Code.

70301. Air Quality Data Used for Designations

(a) Except as otherwise provided in this article, designations shall be based on “data for record.”

(1) “Data for record” are those data collected by or under the auspices of the state board or the districts for the purpose of measuring ambient air quality, and which the executive officer has determined comply with the siting and quality assurance procedures established in Part 58, Title 40, Code of Federal Regulations, as they existed on July 1, 1987, or other equivalent procedures.

(2) ~~The executive officer shall also determine within 90 days of submittal of complete supporting documentation whether a~~ Any other data which are provided by a district or by any other person will be data for record if the executive officer determines within 90 days of submittal of complete supporting documentation that the data comply with the siting and quality assurance procedures established in Part 58, Title 40, Code of Federal Regulations, as they existed on July 1, 1987, or other equivalent procedures ~~and shall be data for record~~. If the executive officer finds there is good cause that 90 days is insufficient time to make a determination, he/she may after notification of the person requesting the data review extend the deadline for completion of the data review.

(b) Except as otherwise provided in this article, designations and reviews of designations ~~shall~~ will be based on data for record for the three calendar years prior to the year in which the designation is made or the annual review of the designation is conducted.

(c) Data as described in section 70301(a)(1) and (2) become data for record upon completion of the executive officer's review.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70302. Geographic Extent of Designations

(a) An air basin ~~shall~~ will be the area designated for ozone, nitrogen dioxide, suspended particulate matter (PM10), sulfates, and visibility reducing particles. Provided, however, if the state board finds (based on air quality data, meteorology, topography, or the distribution of population and emissions) that there are areas within an air basin with distinctly different air quality deriving from sources and conditions not affecting the entire air basin, the state board may designate an area smaller than an air basin using political boundary lines to the extent practicable. In designating an area smaller than an air basin as nonattainment, the state board ~~shall~~ will include within the area those sources whose emissions contribute to a violation of a standard for that pollutant. Contiguous areas which would have the same designation within an air basin ~~shall~~ will be one designated area.

(b) A county or the portion of a county which is located within an air basin ~~shall~~ will be the area designated for carbon monoxide, sulfur dioxide, lead (particulate), and hydrogen sulfide. Provided, however, if the state board finds (based on air quality data, meteorology, topography, or the distribution of population and emissions) that there are areas within the county with distinctly different air quality, it may designate a smaller area. In designating an area smaller than a county as nonattainment, the state board ~~shall~~ will include within the area those sources whose emissions contribute to a violation of a standard for that pollutant.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 38608, Health and Safety Code.

70303. Criteria for Designating an Area as Nonattainment

(a) The state board ~~shall~~ will designate an area as nonattainment for a pollutant if:

(1) Data for record show at least one violation of a state standard for that pollutant in the area, and the measurement of the violation meets the representativeness criteria set forth in "Criteria for Determining Data Representativeness" contained in Appendix 1 to this article; or

(2) Limited or no air quality data were collected in the area, but the state board finds,

based on meteorology, topography, and air quality data for an adjacent nonattainment area, that there has been at least one violation of a state standard for that pollutant in the area being designated.

(b) An area ~~shall~~ will not be designated as nonattainment if the only recorded exceedance(s) of that standard were based solely on data for record determined to be affected by a highly irregular or infrequent event. Data affected by a highly irregular or infrequent event will be identified as such by the executive officer in accordance with the "Air Resources Board Procedure for Reviewing Air Quality Data Possibly Affected by a Highly Irregular or Infrequent Event," set forth in Appendix 2 to this article.

~~(c) The state board shall, if requested by a district no later than May 1 of each year pursuant to section 70306, identify that portion of a designated area within the district as nonattainment-transitional for a pollutant other than ozone with a standard averaging time less than or equal to 24 hours and for which samples are routinely collected every day if it finds that:~~

~~(1) Data for record for the previous calendar year are consistent with the criteria established in section 70304(a)(2) and show two or fewer days at each site in the area with violations of a state standard for that pollutant (not including exceedances found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2);~~

~~(2) Evaluation of multi-year air quality, meteorological, and emission data indicates that ambient air quality either has stabilized or is improving and that every site in the area is expected to reach attainment within three years; and~~

~~(3) The geographic extent of the area is consistent with the criteria established in section 70302.~~

~~(d) An area designated as nonattainment transitional for a pollutant is close to attaining the standard(s) for that pollutant. The nonattainment transitional designation provides an opportunity for a district to review and potentially to modify its attainment plan. Any modification to an attainment plan must be consistent with state and federal regulations and statutes.~~

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, ~~and 40925.5~~; Health and Safety Code. Reference: sections 39607, and 39608, ~~and 40925.5~~; Health and Safety Code.

70303.1. Criteria for Designating an Area as Nonattainment-Transitional for Pollutants Other than Ozone

(a) Nonattainment-transitional is a subcategory of the nonattainment designation. The state board will, if requested by a district no later than May 1 of each year pursuant to section 70306, identify that portion of a designated area within the district as nonattainment-transitional for a pollutant other than ozone with a standard averaging time less than or equal to 24 hours and for which samples are routinely collected every day if it finds that:

(1) Data for record for the previous calendar year are consistent with the criteria established in section 70304(a)(2) and show two or fewer days at each site in the area with violations of a state standard for that pollutant (not including exceedances found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2);

(2) Evaluation of multi-year air quality, meteorological and emission data indicates that ambient air quality either has stabilized or is improving and that every site in the area is expected to reach attainment within three years; and

(3) The geographic extent of the area is consistent with the criteria established in section 70302.

(b) An area designated as nonattainment-transitional for a pollutant is close to attaining the standard(s) for that pollutant. The nonattainment-transitional designation provides an opportunity for a district to review and potentially to modify its attainment plan. Any modification to an attainment plan must be consistent with state and federal regulations and statutes.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code. Reference: sections 39607 and 39608, Health and Safety Code.

70303.5. Requirements for Ozone Nonattainment-Transitional

(a) In evaluating whether a district meets the requirements of HSC 40925.5, the state board shall use the following guidelines: If an area within an air basin is designated as nonattainment for ozone, that area is designated as nonattainment-transitional for ozone if the following conditions are met:

(1) The area is a district, or the area is a portion of a district consistent with the criteria established in section 70302(a);

(2) Data for record for the previous calendar year must be consistent with the criteria established in section 70304(a)(2) to ensure that no more than three exceedances have occurred will be used to determine the number of exceedances for the previous calendar year at each monitoring location in the area;

(23) All data collected during the previous calendar year will be considered in the evaluation, including data possibly affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2;

(34) Each day with concentration(s) that exceed the state ozone standard will be counted as one exceedance day; and

(45) No monitoring location may have more than three exceedance days during the previous calendar year. If any monitoring location in the area has more than three exceedance days

during the previous calendar year, the area is not designated as nonattainment-transitional for ozone; and

(b) If an area qualifies for designation as nonattainment-transitional for ozone for the previous calendar year under section 70303.5(a), and the executive officer has determined that data for the current calendar year indicate more than three exceedance days at any one monitoring location, that area is designated as nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 40925.5, Health and Safety Code.
Reference: sections 39607 and 40925.5, Health and Safety Code.

70304. Criteria for Designating an Area as Attainment

(a) The state board ~~shall~~ will designate an area as attainment for a pollutant if:

(1) Data for record show that no state standard for that pollutant was violated at any site in the area; and

(2) Data for record meet representativeness and completeness criteria for a location at which the pollutant concentrations are expected to be high based on the spatial distribution of emission sources in the area and the relationship of emissions to air quality. Data representativeness criteria are set forth in "Criteria for Determining Data Representativeness" contained in Appendix 1 to this article. Data completeness criteria are set forth in "Criteria for Determining Data Completeness" contained in Appendix 3 to this article.

(b) Where there are limited or no air quality data for an area, the state board ~~shall~~ will designate the area as attainment for a pollutant if it finds that no state standard for that pollutant has been violated in that area based on:

(1) Air quality data collected in the area during the most recent period since 1980 which meet the conditions in (a) above;

(2) Emissions of that pollutant or its precursors in the area have not increased since that period to a level at which the standard might be exceeded; and

(3) Air quality data collected in the area since the time period in (1) above do not show a violation of the state standard.

(c) Where an area has limited or no air quality data for nitrogen dioxide, sulfur dioxide, sulfates, and lead (particulate), the state board shall designate that area attainment for a pollutant if it finds that no state standard for that pollutant has been violated in that area based on the "Screening Procedure for Determining Attainment Designations for Areas with Incomplete Air Quality Data" set forth in Appendix 4 to this article.

(d) A nonattainment area ~~shall~~ will not be redesignated as attainment for a pollutant if:

(1) Data for record for the monitoring site showing the greatest violation of a state standard for that pollutant no longer are available; and

(2) No other site has been identified as equivalent by the executive officer.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70305. Criteria for Designating an Area as Unclassified

The state board ~~shall~~ will designate an area as unclassified for a pollutant if it finds that, except as otherwise provided in this article, the data do not support a designation of attainment or nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

70306. Annual Review of Designations

(a) The executive officer ~~shall~~ will conduct annual reviews of all designations and ~~shall~~ will propose revisions to the designations as necessary to the state board. The executive officer ~~shall~~ will complete the annual reviews by November 15.

(b) Any request for a change in a designation and any submittal of information for purposes of the executive officer's consideration in the annual review of a designation shall be provided in writing to the executive officer no later than May 1 of each year.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

APPENDIX 1

CRITERIA FOR DETERMINING DATA REPRESENTATIVENESS

This Appendix describes the criteria to be used in determining data representativeness for the purpose of designating areas as described in ~~this Article 3, Subchapter 1.5, Chapter 1, Part III, Title 17 (commencing with section 70300), California Code of Regulations.~~ Representativeness, as used here, is only related to whether or not the amount of data reported is ~~deemed~~ sufficiently complete to characterize reliably air quality during the respective time period. No other kind of representativeness is implied. The criteria for representativeness are summarized in the accompanying table and discussed further, below.

Air quality statistics are usually computed from short term observed values. For example, an annual arithmetic mean is computed from all available hourly samples. If all the short term values for the statistical time period are available, the calculated statistic is representative. However, because all the short term values for a given period often are not available, a minimum number of observations are needed to provide reasonable assurance that the calculated value is a reliable estimate. In general, statistics are considered representative if 75 percent of the possible short term values are included and are distributed throughout the entire statistical time period.

To ensure that seasonal variations are accounted for, representative annual statistics are required to have four representative calendar quarters of data. ~~Because~~ For example, if an annual mean is based on 24 hour samples, such as that computed for suspended particulate matter (PM10) samples, three representative months are required for each calendar quarter, ~~the~~ —A 24 hour particulate sample is collected once every six days or a total of five samples per 31 day month. Therefore, three or fewer samples (less than or equal to 60 percent data recovery) do not meet the criterion for a reliable estimate of the monthly mean concentration. The lack of representativeness of the monthly mean concentrations precludes a reliable estimate of a representative calendar quarter, which in turn precludes the representativeness of an annual statistic. Each level of criteria--hour, day, month, quarter, and year--must be met in order to make a representative annual statistic.

For observations made at less than 24-hour intervals, for example, hourly samples, representativeness depends on whether all the individual values are to be used or only a single daily value is to be used. In general, for representative statistics computed from all of the individual values, such as the mean of all hours, 75 percent of the values in the respective period are required. For representative statistics computed from daily values, such as the monthly mean of daily maximum hours, data from 75 percent of the days in the month are required and the data within those days must meet the relevant representativeness criteria.

CRITERIA FOR REPRESENTATIVENESS OF AIR QUALITY MEASUREMENTS AND STATISTICS

<u>Representative Calendar Statistic</u>	<u>Sampling Time Period</u>	<u>Basis of Statistic or Requirement</u>	<u>Number of Representative Periods Required</u>
Year	Any		4 representative calendar quarters
Quarter	24-hour	Based on a daily sample	3 representative months
	< 24-hours <	Based on a daily statistic; or	69 or more representative calendar days
	< 24-hours <	Based on hourly samples	1,643 or more hours
Month	24-hour	Based on daily sample	4 or more 24-hour samples
	< 24-hours <	Based on a daily statistic; or	23 or more representative calendar days
	< 24-hours <	Based on all hourly samples; or	548 or more hours
	< 24-hours <	Based on all 2-hour samples; or	274 or more 2-hour samples
	< 24-hours <	Based on all 3-hour samples	183 or more 3-hour samples
Day	1-hour		6 or more hours in each 1/3 day (hours 0 thru 7, 8 thru 15, 16 thru 23), and missing no more than 2 consecutive hourly samples
	< 2-hour	Based on all 2-hour samples	9 or more samples
	3-hour	Based on all 3-hour samples	6 or more samples
	24-hour	Based on daily sample	22 but not more than 26 hours of sampling

	<u>N</u>	<u>Number of Samples Needed</u>
Mean of N Hour 6 Period	24	18 or more hourly samples
	8	6 or more hourly samples
	5 or more	hourly samples
	4	3 hourly samples
	3	3 hourly samples
	2	2 hourly samples
	1	30 minutes or more of sampling

APPENDIX 2

AIR RESOURCES BOARD PROCEDURE FOR REVIEWING AIR QUALITY DATA POSSIBLY AFFECTED BY A HIGHLY IRREGULAR OR INFREQUENT EVENT

This Appendix describes the procedures that the Air Resources Board will use for reviewing air quality data possibly affected by a highly irregular or infrequent event with regard to the state ambient air quality standards. All decisions regarding the identification of data as being affected by a highly irregular or infrequent event will be made by the executive officer.

The executive officer will review air quality data for possible identification as affected by a highly irregular or infrequent event if the data are the only exceedances of an air quality standard in the area or if such identification would otherwise affect the designation of the area.

Three types of highly irregular or infrequent events may be identified:

1. Extreme Concentration ~~Exceptional~~ Event.
2. Exceptional ~~Extreme Concentration~~ Event.
3. Unusual Concentration Event.

Exceptional Events

~~An exceptional event is an event beyond reasonable regulatory control which causes an exceedance of a state standard. An exceptional event must be linked to a specific cause such as an act of nature or unusual human activity. As guidance to the states for determining exceptional events, the federal Environmental Protection Agency (EPA) has published Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events, (EPA 450/4-86-007), July 1986 (the EPA Guideline). The EPA Guideline provides overall criteria for determining whether an event is exceptional with regard to the national standards. The executive officer will use the EPA Guideline as a general basis for reviewing ambient data, but will not be bound by the specific definitions in the EPA Guideline for the various types of exceptional events because those definitions are made on a national basis. In addition, since what may be exceptional in one part of the state may be common in another, each possible event will be evaluated on a case-by-case basis.~~

~~The steps for identifying an exceptional event are:~~

1. ~~— A district (or the executive officer) identifies questionable data.~~
2. ~~— If a known exceptional event has occurred, the district gathers relevant data to document the occurrence.~~
3. ~~— If an exceptional event is only suspected, the district investigates available data for the possible event.~~

4. ~~The district submits to the executive officer a request for identifying the data as affected by an exceptional event and also provides supporting documentation.~~
5. ~~If the executive officer concurs with the district, he/she will identify the data as affected by an exceptional event.~~
6. ~~If the district's request for identifying data as affected by an exceptional event cannot be supported, the district will be notified of the reasons. The executive officer will consider any additional data to support the request, but in the absence of any new evidence, will disapprove the request.~~

Extreme Concentration Events

An extreme concentration event is an event beyond reasonable regulatory control which causes an exceedance of a state standard ~~but which does not qualify as an exceptional event~~. An extreme concentration event is based on a statistical procedure and may not always be linked to a specific identifiable cause. The causes of an extreme concentration event include but are not limited to unusual meteorology.

The steps for identifying an extreme concentration event are:

1. A district (or the executive officer) identifies questionable data.
2. ~~If the event is not an exceptional event, with an identifiable cause, the executive officer will evaluate the data as affected by an extreme concentration event.~~
3. In evaluating a possible extreme concentration event, the executive officer ~~shall~~ will use the data for the site at which the event is suspected to determine a limit for concentrations expected to recur no more frequently than once in one year. The limit ~~shall~~ will be determined using the “exponential tail method” described in ~~Part I section B.1. of the “Supplement to the Technical Support Document for Proposed Amendments to the Criteria for Designating Areas of California as Nonattainment, Attainment, or Unclassified for State Ambient Air Quality Standards” (May 1992) Procedure for Computing the Values Used in Identifying Extreme Concentration Events (August 1998),~~ which is incorporated by reference herein. Using conventional

rounding procedures, the limit ~~shall~~ will be consistent with the level of precision in which the standard is expressed. If the possible extreme concentration exceeds the concentration expected to recur no more frequently than once in one year, the executive officer will consult with the district in identifying the data as affected by an extreme concentration event.

43. When an extreme concentration event is identified, the executive officer ~~shall~~ will review other information, including but not limited to meteorological data, to determine whether air quality data for other sites in the area were affected by the extreme concentration event.

Exceptional Events

An exceptional event is an event beyond reasonable regulatory control which causes an exceedance of a state standard. An exceptional event must be linked to a specific cause such as an act of nature or unusual human activity. As guidance to the states for determining exceptional events, the federal Environmental Protection Agency (EPA) has published Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events, (EPA-450/4-86-007), July 1986 (the EPA Guideline). The EPA Guideline provides overall criteria for determining whether an event is exceptional with regard to the national standards. The executive officer will use the EPA Guideline as a general basis for reviewing ambient data, but will not be bound by the specific definitions in the EPA Guideline for the various types of exceptional events because those definitions are made on a national basis. In addition, since what may be exceptional in one part of the state may be common in another, each possible event will be evaluated on a case-by-case basis.

The steps for identifying an exceptional event are:

1. A district (or the executive officer) identifies questionable data.
2. If a known exceptional event has occurred, the district gathers relevant data to document the occurrence.
3. If an exceptional event is only suspected, the district investigates available data for the possible event.
4. The district submits to the executive officer a request for identifying the data as affected by an exceptional event and also provides supporting documentation.

5. If the executive officer concurs with the district, he/she will identify the data as affected by an exceptional event.
6. If the district's request for identifying data as affected by an exceptional event cannot be supported, the district will be notified of the reasons. The executive officer will consider any additional data to support the request, but in the absence of any new evidence, will disapprove the request.

Unusual Concentration Events

An unusual concentration event is an event which causes an anomalous exceedance of a state standard and which does not qualify as an ~~exceptional event or an extreme concentration event~~ or an exceptional event. An exceedance affected by an unusual concentration event may be identified only for an area designated as attainment or unclassified at the time of the exceedance.

The steps for identifying an unusual concentration event are:

1. A district (or the executive officer) identifies a questionable exceedance(s).
2. If the exceedance(s) has not been identified as having been affected by an extreme concentration event or an exceptional event ~~or an extreme concentration event~~, and if the area was designated as attainment or unclassified at the time of the exceedance(s), the executive officer will review the exceedance(s) to determine whether it was affected by an unusual concentration event.
3. In evaluating a possible unusual concentration event, the executive officer ~~shall~~ will consider all relevant information, including but not limited to the amount and characteristics of air quality data, emission data, meteorological data, potential public health and welfare impacts, and any applicable state, district, and federal rules and regulations. To identify the exceedance(s) as affected by an unusual concentration event, the executive officer must find, based on the relevant information, that the impact of the exceedance(s) is limited to the local area, the exceedance(s) is not expected to recur, and that the data do not support a nonattainment designation.

4. If the exceedance(s) qualifies as possibly affected by an unusual concentration event, the executive officer will consult with the district in identifying the exceedance(s) as affected by an unusual concentration event.

5. An area may retain its attainment or unclassified designation based on the identification and exclusion of an exceedance(s) affected by an unusual concentration event for no more than three consecutive years. If the executive officer identifies an exceedance(s) affected by an unusual concentration event in the area in the fourth consecutive year, the area ~~shall~~ will be redesignated as nonattainment.

NOTE: Authority Cited: sections 39600, 39601, 39607, and 39608, Health and Safety Code.
Reference: sections 39607 and 39608, Health and Safety Code.

APPENDIX 3

CRITERIA FOR DETERMINING DATA COMPLETENESS

This Appendix describes the criteria to be used in determining data completeness for the purpose of designating areas as attainment or nonattainment-transitional as described in this Article 3, Subchapter 1.5, Chapter 1, Part III, Title 17 (commencing with section 70300), California Code of Regulations. The purpose of these data completeness criteria is to specify the minimum data ~~deemed~~ necessary to assure that sampling occurred at times when a violation is most likely to occur.

Complete Data

Data for a site will be ~~deemed~~ complete if there are representative data (as determined in accordance with the Representativeness Criteria in Appendix 1) during the required hours (see below) of the day during the required months (see below) for the required years (see below).

Required Hours

The hours of potentially high concentration must be included. Unless a detailed evaluation determines different hours to be appropriate for a specific site, these hours are:

<u>Pollutant</u>	<u>Hours (PST)</u>
Ozone	9 am - 5 pm
Carbon Monoxide	3 pm - 9 am (next day)
Nitrogen Dioxide	8 am - 8 pm
Visibility Reducing Particles	10 am - 6 pm
Other Pollutants	Throughout day

Required Months

The months of potentially high concentrations must be included. Unless a detailed evaluation determines different months to be appropriate for a specific site, these months are:

<u>Pollutant</u>	<u>Months</u>
Ozone	July - September
Carbon Monoxide	January, November - December
Nitrogen Dioxide	October - December
Sulfur Dioxide	September - December
Sulfates	January, June - December
Lead (Particulate)	January, November - December
Other Pollutants	January - December

Required Years

The number of years to be included is:

- a) Three; or
- b) Two, if during these years the maximum pollutant concentration (not including data found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2) is less than three-fourths the applicable state ambient air quality standard; or
- c) One, if during this year the maximum pollutant concentration (not including data found to be affected by a highly irregular or infrequent event under the procedure set forth in Appendix 2) is less than one-half the applicable state ambient air quality standard.

APPENDIX 4

SCREENING PROCEDURE FOR DETERMINING ATTAINMENT DESIGNATIONS FOR AREAS WITH INCOMPLETE AIR QUALITY DATA

This Appendix describes the screening procedure that will serve as the basis for making a pollutant-specific finding under section 70304(c) that the state ambient air quality standard is being attained for areas with no or an incomplete air quality data record. The procedure is applicable only for nitrogen dioxide, sulfur dioxide, sulfates, and lead (particulate). For those areas with some air quality data for the prior three years, the screening procedure will be applied for a pollutant only if the maximum concentrations of that pollutant in the area did not exceed 75 percent of the state standard(s).

<u>Pollutant</u>		<u>Screening Parameters</u>	<u>Screening Values</u>
Nitrogen Dioxide	a)	Basin Population	1,000,000 people
	b)	Total Annual NOx Emissions in Air Basin	40,000 tons/yr
	c)	Total Annual Point Source NOx Emissions in County	2,100 tons/yr
Sulfur Dioxide	a)	Total Annual Point Source SOx emissions in County	1,700 tons/yr
	b)	Maximum Annual SOx Emissions from Single Facility in County	900 tons/yr
Sulfates	a)	Total Annual SOx Emissions in Air Basin	19,000 tons/yr
	b)	Total Annual Point Source SOx Emissions in County	1,700 tons/yr
	c)	Maximum Annual SOx Emissions from Single Facility in County	900 tons/yr
Lead	a)	County Population	600,000 people
	b)	Maximum Annual Lead Emissions from Single Facility in County	0.5 tons/yr

For an area to which these values are applied, the local values of the applicable screening parameters will be compared to the respective screening values. The area will be presumed to be attainment if none of the applicable screening parameters for a pollutant exceed the associated screening values.

ATTACHMENT B

TEXT OF THE PROPOSED AMENDMENTS TO THE AREA DESIGNATIONS
CALIFORNIA CODE OF REGULATIONS, TITLE 17,
SECTIONS 60201 THROUGH 60209

(Additions are shown as underline italics and deletions as ~~strikeout~~)

60201. Table of Area Designations for Ozone

Area	Designation
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Nonattainment
North Central Coast Air Basin ¹	Nonattainment <u>Nonattainment-Transitional</u>
South Central Coast Air Basin	Nonattainment
<u>San Luis Obispo County</u> ¹	<u>Nonattainment-Transitional</u>
<u>Remainder of Basin</u>	<u>Nonattainment</u>
South Coast Air Basin	Nonattainment
San Diego Air Basin	Nonattainment
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	
Butte County	Nonattainment-Transitional
<u>Colusa County</u> ¹	<u>Nonattainment-Transitional</u>
Glenn County	Nonattainment-Transitional
<u>Solano County</u> ¹	<u>Nonattainment-Transitional</u>
<u>Tehama County</u> ¹	<u>Nonattainment-Transitional</u>
<u>Yolo County</u> ¹	<u>Nonattainment-Transitional</u>
Remainder of Basin	Nonattainment
San Joaquin Valley Air Basin	Nonattainment
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Unclassified
Mono County	Nonattainment-Transitional
Mojave Desert Air Basin	Nonattainment
Salton Sea Air Basin	Nonattainment

60201. Table of Area Designations for Ozone (continued)

Area	Designation
Mountain Counties Air Basin	
Amador, Calaveras, El Dorado, Nevada, Placer , Mariposa, and Tuolumne Counties	Nonattainment
<u>Placer County</u> ¹	<u>Nonattainment-Transitional</u>
Plumas and Sierra Counties	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

¹ Designation by operation of law (1997~~8~~), under H&SC, section 40925.5.

² ~~Designation by operation of law (1996), under H&SC, section 40925.5.~~

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code. Reference: sections 39608 and ~~40925.5(a)~~, Health and Safety Code.

60202. Table of Area Designations for Carbon Monoxide

Area	Designation
-	
North Coast Air Basin	
Del Norte County	Unclassified
Humboldt County	Attainment
Mendocino County	Attainment
Sonoma County	Unclassified
Trinity County	Unclassified
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Unclassified
Santa Cruz County	Unclassified
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Nonattainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	Attainment
Northeast Plateau Air Basin	
Lassen County	Unclassified
Modoc County	Unclassified
Siskiyou County	Unclassified

60202. Table of Area Designations for Carbon Monoxide (continued)

<u>Area</u>	<u>Designation</u>
-	
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Unclassified
Glenn County	Unclassified
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Unclassified
Solano County	Attainment
Sutter County	Attainment
Tehama County	Unclassified
Yolo County	Attainment
Yuba County	Unclassified
San Joaquin Valley Air Basin	
Fresno County	<u>Attainment</u>
Fresno Urbanized Area⁺	Nonattainment
Remainder of County	Attainment
Kern County	Attainment
Kings County	Unclassified
Madera County	Unclassified
Merced County	Unclassified
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Attainment
Mono County	Attainment

60202. Table of Area Designations for Carbon Monoxide (continued)

<u>Area</u>	<u>Designation</u>
-	
Mojave Desert Air Basin	
Kern County	Unclassified
Los Angeles County	Attainment
Riverside County	Unclassified
San Bernardino County	Attainment
Salton Sea Air Basin	
Imperial County	
City of Calexico ^{2/1}	Nonattainment
Remainder of County	Unclassified
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Unclassified
Calaveras County	Unclassified
El Dorado County	Unclassified
Mariposa County	Unclassified
Nevada County	Unclassified
Placer County	Unclassified
Plumas County	Attainment
Sierra County	Unclassified
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	<u>Attainment</u>
El Dorado County	Nonattainment-Transitional
Placer County	Attainment

1. ~~50 Fed. Reg. 47735 (November 20, 1985); 45 Fed. Reg. 53149 (August 11, 1980); City of Fresno Department of Planning and Inspection, 1974 General Plan Report of the FCMA, page 4.~~

2.1. section 60200(a).

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.

Reference: section 39608, Health and Safety Code.

60203. Table of Area Designations for Nitrogen Dioxide

Area	Designation
-	
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Attainment
North Central Coast Air Basin	Attainment
South Central Coast Air Basin	Attainment
South Coast Air Basin	Attainment
San Diego Air Basin	Attainment
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	Attainment
San Joaquin Valley Air Basin	Attainment
Great Basin Valleys Air Basin	Attainment
Mojave Desert Air Basin	Attainment
Salton Sea Air Basin	Attainment
Mountain Counties Air Basin	Attainment
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60204. Table of Area Designations for Sulfur Dioxide

Area	Designation
-	
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Attainment
Santa Cruz County	Attainment
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Attainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	
San Diego County	Attainment
Northeast Plateau Air Basin	
Lassen County	Attainment
Modoc County	Attainment
Siskiyou County	Attainment

60204. Table of Area Designations for Sulfur Dioxide (continued)

Area	Designation
-	
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Attainment
Glenn County	Attainment
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Attainment
Solano County	Attainment
Sutter County	Attainment
Tehama County	Attainment
Yolo County	Attainment
Yuba County	Attainment
San Joaquin Valley Air Basin	
Fresno County	Attainment
Kern County	Attainment
Kings County	Attainment
Madera County	Attainment
Merced County	Attainment
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Attainment
Inyo County	Attainment
Mono County	Attainment
Mojave Desert Air Basin	
Kern County	Attainment
Los Angeles County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment

60204. Table of Area Designations for Sulfur Dioxide (continued)

Area	Designation
-	
Salton Sea Air Basin	
Imperial County	Attainment
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Attainment
Calaveras County	Attainment
El Dorado County	Attainment
Mariposa County	Attainment
Nevada County	Attainment
Placer County	Attainment
Plumas County	Attainment
Sierra County	Attainment
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Attainment
Placer County	Attainment

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NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
 Reference: section 39608, Health and Safety Code.

60205. Table of Area Designations for Suspended Particulate Matter (PM10)

Area	Designation
North Coast Air Basin	Nonattainment
San Francisco Bay Area Air Basin	Nonattainment
North Central Coast Air Basin	Nonattainment
South Central Coast Air Basin	Nonattainment
South Coast Air Basin	Nonattainment
San Diego Air Basin	Nonattainment
Northeast Plateau Air Basin	<i>Nonattainment</i>
Modoc and Siskiyou Counties	Nonattainment
Lassen County	Unclassified
Sacramento Valley Air Basin	Nonattainment
San Joaquin Valley Air Basin	Nonattainment
Great Basin Valleys Air Basin	Nonattainment
Mojave Desert Air Basin	Nonattainment
Salton Sea Air Basin	Nonattainment
Mountain Counties Air Basin	
El Dorado, Nevada, Placer	
Plumas, and Sierra Counties	Nonattainment
Amador County	Unclassified
Calaveras County	Nonattainment
Mariposa County Portion of	
Yosemite National Park	Nonattainment
Remainder of Mariposa and Tuolumne Counties	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Nonattainment

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code. Reference: section 39608, Health and Safety Code

60206. Table of Area Designations for Sulfates

<u>Area</u>	<u>Designation</u>
-	
North Coast Air Basin	Attainment
San Francisco Bay Area Air Basin	Attainment
North Central Coast Air Basin	Attainment
South Central Coast Air Basin	Attainment
South Coast Air Basin	Attainment
San Diego Air Basin	Attainment <i>Nonattainment</i>
Northeast Plateau Air Basin	Attainment
Sacramento Valley Air Basin	Attainment
San Joaquin Valley Air Basin	Attainment
Great Basin Valleys Air Basin	Attainment
Mojave Desert Air Basin	
San Bernardino County Portion of Searles Valley Planning Area ¹	Nonattainment
Remainder of Air Basin	Attainment
Salton Sea Air Basin	Attainment
Mountain Counties Air Basin	Attainment
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Attainment

1. 52 Fed. Reg. 29384 (August 7, 1987); U.S. Geological Survey 1974, *Hydrologic Unit Map-State of California*, Hydrological Unit #18090205.

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60207. Table of Area Designations for Lead (Particulate)

Area	Designation
-	
North Coast Air Basin	
Del Norte County	Attainment
Humboldt County	Attainment
Mendocino County	Attainment
Sonoma County	Attainment
Trinity County	Attainment
San Francisco Bay Area Air Basin	
Alameda County	Attainment
Contra Costa County	Attainment
Marin County	Attainment
Napa County	Attainment
San Francisco County	Attainment
San Mateo County	Attainment
Santa Clara County	Attainment
Solano County	Attainment
Sonoma County	Attainment
North Central Coast Air Basin	
Monterey County	Attainment
San Benito County	Attainment
Santa Cruz County	Attainment
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Attainment
South Coast Air Basin	
Los Angeles County	Attainment
Orange County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
San Diego Air Basin	
San Diego County	Attainment
Northeast Plateau Air Basin	
Lassen County	Attainment
Modoc County	Attainment
Siskiyou County	Attainment

60207. Table of Area Designations for Lead (Particulate) (continued)

Area	Designation
-	
Sacramento Valley Air Basin	
Butte County	Attainment
Colusa County	Attainment
Glenn County	Attainment
Placer County	Attainment
Sacramento County	Attainment
Shasta County	Attainment
Solano County	Attainment
Sutter County	Attainment
Tehama County	Attainment
Yolo County	Attainment
Yuba County	Attainment
San Joaquin Valley Air Basin	
Fresno County	Attainment
Kern County	Attainment
Kings County	Attainment
Madera County	Attainment
Merced County	Attainment
San Joaquin County	Attainment
Stanislaus County	Attainment
Tulare County	Attainment
Great Basin Valleys Air Basin	
Alpine County	Attainment
Inyo County	Attainment
Mono County	Attainment

60207. Table of Area Designations for Lead (Particulate) (continued)

Area	Designation
-	
Mojave Desert Air Basin	
Kern County	Attainment
Los Angeles County	Attainment
Riverside County	Attainment
San Bernardino County	Attainment
Salton Sea Air Basin	
Imperial County	Attainment
Riverside County	Attainment
Mountain Counties Air Basin	
Amador County	Attainment
Calaveras County	Attainment
El Dorado County	Attainment
Mariposa County	Attainment
Nevada County	Attainment
Placer County	Attainment
Plumas County	Attainment
Sierra County	Attainment
Tuolumne County	Attainment
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Attainment
Placer County	Attainment

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NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.

60208. Table of Area Designations for Hydrogen Sulfide

Area	Designation
-	
North Coast Air Basin	
Del Norte County	Unclassified
Humboldt County	Attainment
Mendocino County	Unclassified
Sonoma County	
Geyser Geothermal Area ¹	Attainment
Remainder of County	Unclassified
Trinity County	Unclassified
San Francisco Bay Area Air Basin	
Alameda County	Unclassified
Contra Costa County	Unclassified
Marin County	Unclassified
Napa County	Unclassified
San Francisco County	Unclassified
San Mateo County	Unclassified
Santa Clara County	Unclassified
Solano County	Unclassified
Sonoma County	Unclassified
North Central Coast Air Basin	
Monterey County	Unclassified
San Benito County	Unclassified
Santa Cruz County	Unclassified
South Central Coast Air Basin	
San Luis Obispo County	Attainment
Santa Barbara County	Attainment
Ventura County	Unclassified
South Coast Air Basin	
Los Angeles County	Unclassified
Orange County	Unclassified
Riverside County	Unclassified
San Bernardino County	Unclassified
San Diego Air Basin	
San Diego County	Unclassified
Northeast Plateau Air Basin	
Lassen County	Unclassified
Modoc County	Unclassified
Siskiyou County	Unclassified

60208. Table of Area Designations for Hydrogen Sulfide (continued)

<u>Area</u>	<u>Designation</u>
-	
Sacramento Valley Air Basin	
Butte County	Unclassified
Colusa County	Unclassified
Glenn County	Unclassified
Placer County	Unclassified
Sacramento County	Unclassified
Shasta County	Unclassified
Solano County	Unclassified
Sutter County	Unclassified
Tehama County	Unclassified
Yolo County	Unclassified
Yuba County	Unclassified
San Joaquin Valley Air Basin	
Fresno County	Unclassified
Kern County	Unclassified
Kings County	Unclassified
Madera County	Unclassified
Merced County	Unclassified
San Joaquin County	Unclassified
Stanislaus County	Unclassified
Tulare County	Unclassified
Great Basin Valleys Air Basin	
Alpine County	Unclassified
Inyo County	Attainment
Mono County	Attainment

60208. Table of Area Designations for Hydrogen Sulfide (continued)

<u>Area</u>	<u>Designation</u>
-	
Mojave Desert Air Basin	
Kern County	Unclassified
Los Angeles County	Unclassified
Riverside County	Unclassified
San Bernardino County	
County Portion of	Searles
Valley Planning Area ²	Nonattainment
Remainder of County	Unclassified
Salton Sea Air Basin	
Imperial County	Unclassified
Riverside County	Unclassified
Mountain Counties Air Basin	
Amador County	
City of Sutter Creek	Nonattainment
Remainder of County	Unclassified
Calaveras County	Unclassified
El Dorado County	Unclassified
Mariposa County	Unclassified
Nevada County	Unclassified
Placer County	Unclassified
Plumas County	Unclassified
Sierra County	Unclassified
Tuolumne County	Unclassified
Lake County Air Basin	
Lake County	Attainment
Lake Tahoe Air Basin	
El Dorado County	Unclassified
Placer County	Unclassified

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1. section 60200(d).
 2. 52 Fed. Reg. 29384 (August 7, 1987); U.S. Geological Survey 1974, *Hydrologic Unit Map-State of California*, Hydrological Unit #18090205.

NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.

Reference: section 39608, Health and Safety Code.

60209. Table of Area Designations for Visibility Reducing Particles

Area	Designation
-	
North Coast Air Basin	Unclassified
San Francisco Bay Area Air Basin	Unclassified
North Central Coast Air Basin	Unclassified
South Central Coast Air Basin	Unclassified
South Coast Air Basin	Unclassified
San Diego Air Basin	Unclassified
Northeast Plateau Air Basin	Unclassified
Sacramento Valley Air Basin	Unclassified
San Joaquin Valley Air Basin	Unclassified
Great Basin Valleys Air Basin	Unclassified
Mojave Desert Air Basin	Unclassified
Salton Sea Air Basin	Unclassified
Mountain Counties Air Basin	Unclassified
Lake County Air Basin	Attainment
Lake Tahoe Air Basin	Unclassified

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NOTE: Authority cited: sections 39600, 39601, and 39608, Health and Safety Code.
Reference: section 39608, Health and Safety Code.