



CALIFORNIA
AIR RESOURCES BOARD

**Proposed 2024 Amendments to the
Area Designations
for State Air Quality Standards**

Public Workshop
October 2, 2024

Logistics

- Presentation available on-line after the workshop
 - [State Area Designation - Current Activities](#)
- Problems during presentation
 - Contact email [Theresa Najita](mailto:theresa.najita@arb.ca.gov) at theresa.najita@arb.ca.gov

Presentation Outline

- Designation Process & Criteria
- Proposed Designation Changes
- Next Steps
- Comments and Questions

CARB Designation Process

- Adopts State air quality standards to protect public health and welfare
- Adopts designation criteria and area designations
- Reviews designations annually
- Update designations where appropriate
- Designations indicate healthfulness of air quality

Data to Use

- “Data for Record”
 - Meet siting and quality assurance procedures
 - Collected by CARB, Districts, others
 - Reflect expected highest concentrations
- Time Period
 - Most recent 3 calendar years
 - Current review: 2021-2023

Exceedance vs. Violation

- Exceedance
 - Concentration higher than standard
 - Qualifying exceedances are excluded as Highly Irregular or Infrequent Events
- Violation
 - Exceedance not excluded as a Highly Irregular or Infrequent Event
- Not all exceedances are violations

Designation Categories

- Nonattainment
 - 1 or more violations in last 3 years
- Attainment
 - No violations in last 3 years
- Unclassified
 - Insufficient data

Designation Categories

Nonattainment-Transitional

- Nonattainment-Transitional For Ozone
 - 3 or fewer exceedances in last year
 - Designation area by District or entire portion of a District within an Air Basin (CCR, title 17, section 70303.5)
 - Highly irregular or infrequent events are not excluded
- Nonattainment-Transitional
 - Subcategory of Nonattainment
 - Does not always require CARB action

Proposed 2024 State Area Designation Changes

- Ozone – 1 area
- Suspended Particulate Matter (PM₁₀) – 3 areas
- Fine Particulate Matter (PM_{2.5}) – 1 area



Ozone Standard

- Two Standards
 - 8-hour = 0.070 ppm
 - 1-hour = 0.09 ppm
 - Neither are to be exceeded
- Areas must meet both standards for Attainment designation

Proposed Ozone Change Nonattainment-Transitional

- Sacramento Valley Air Basin
Shasta County
- Currently Nonattainment
- High site is Lassen Volcanic National Park
 - 8-hour designation value = 0.079 ppm
 - 1-hour designation value = 0.09 ppm
- Anderson and Redding Monitoring sites both had 1 exceedance

Suspended Particulate Matter (PM₁₀) Standard

- Two Standards
 - 24-hour = 50 $\mu\text{g}/\text{m}^3$
 - Annual Average = 20 $\mu\text{g}/\text{m}^3$
 - Neither are to be exceeded
- Areas must meet both standards for Attainment designation

Proposed PM₁₀ Change Unclassified

- Mountain Counties Air Basin
 - Nevada County
 - Plumas County
 - Sierra County
- Currently Nonattainment
- No active monitors in these counties for almost 20 years.
- Surrounding areas either do not monitor for PM₁₀ or are not representative of conditions in these counties.
- Cannot confirm areas as either attainment or nonattainment.

Fine Particulate Matter (PM_{2.5}) Standard

- One Standard
 - Annual Average = 12 $\mu\text{g}/\text{m}^3$
 - Not to be exceeded

Proposed PM_{2.5} Change Attainment

- San Francisco Bay Area Air Basin
- Currently Nonattainment
- High site is San Jose-Knox.
 - Annual Average = 11 $\mu\text{g}/\text{m}^3$

What's Next?

- Post staff report (Initial Statement of Reasons)
 - November 26, 2024
- 45-day public comment period opens
 - November 29, 2024
- Board Hearing
 - January 23, 2025

Further Information

- Online information

 - [State Area Designations](#) webpage

 - Sign up to receive notifications regarding State Area Designations

- Contacts

 - [Theresa Najita](#) (PM) - 279-842-9813

 - [Jenette Kwong](#) (Ozone) - 279-208-7626



Questions