



Proposed 2022 Amendments to the Area Designations for State Air Quality Standards

Public Workshop
September 21, 2022

Logistics

- Presentation available on-line
 - State Area Designation – Current Activities
- Problems during presentation
 - email Theresa Najita 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
- 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: 2019-2021

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

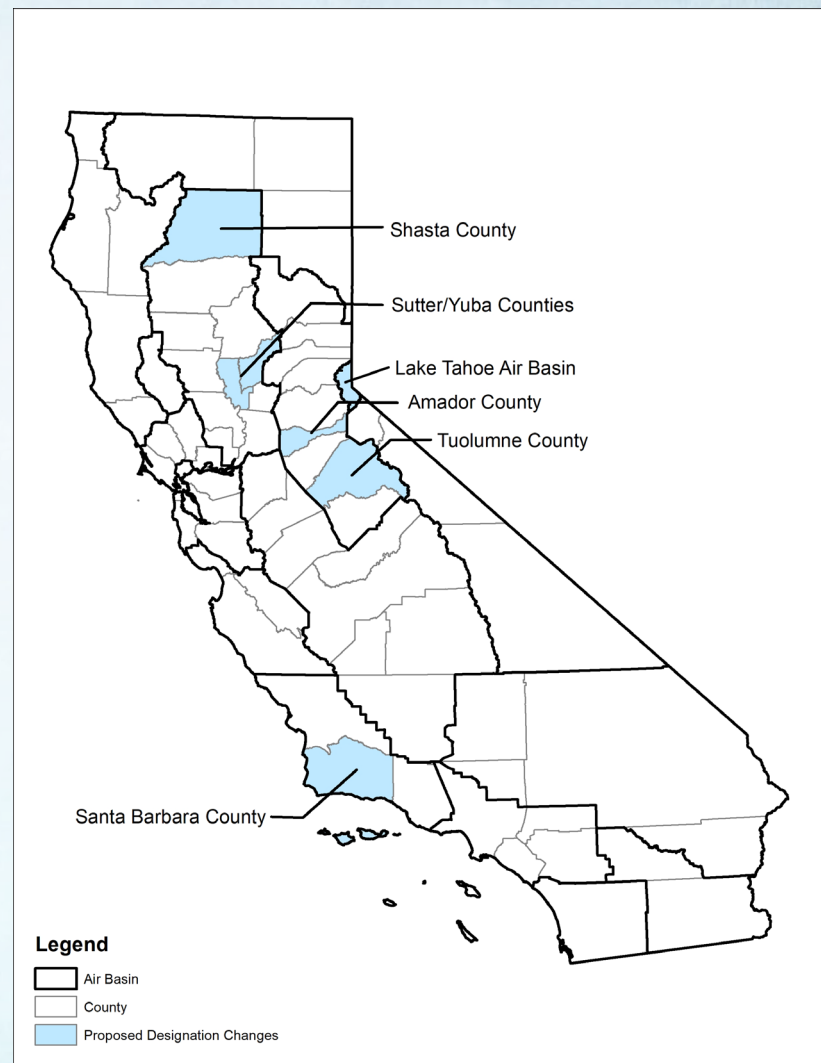
Designation Categories

Nonattainment-Transitional

- Nonattainment-Transitional
 - Subcategory of Nonattainment
 - Does not always require CARB action
- Nonattainment-Transitional For Ozone
 - 3 or fewer exceedances in last year
 - Designation area by District
 - Highly irregular or infrequent events are not excluded

Proposed 2022 State Area Designation Changes

- Ozone – 5 areas
- PM_{2.5} – 1 area



Ozone Standard

- Two Standards
 - 8-hour = 0.070 ppm
 - 1-hour = 0.09 ppm
 - Both are not to be exceeded
- Areas must meet both standards for Attainment designation

Proposed Ozone Change Nonattainment

- Lake Tahoe Air Basin
 - Currently Attainment
 - High site is Tahoe City
 - 8-hour designation value = 0.086 ppm
 - 1-hour designation value = 0.09 ppm
 - Ozone exceptional events occurred 2020 and 2021

Proposed Ozone Change Nonattainment

- Mountain Counties Air Basin
 - Amador County
 - Currently Nonattainment-Transitional
 - High site is Jackson-Clinton Road
 - 8-hour designation value = 0.076 ppm
 - 1-hour designation value = 0.09 ppm

Proposed Ozone Change Nonattainment-Transitional

- Mountain Counties Air Basin
 - Tuolumne County
 - Currently Nonattainment
 - High site is Sonora
 - 8-hour designation value = 0.077 ppm
 - 1-hour designation value = 0.09 ppm

Proposed Ozone Change Nonattainment

- Sacramento Valley Air Basin
Shasta County
 - Currently Nonattainment-Transitional
- High site is Lassen Volcanic National Park
 - 8-hour designation value = 0.079 ppm
 - 1-hour designation value = 0.08 ppm

Proposed Ozone Change Nonattainment-Transitional

- South Central Coast Air Basin
Santa Barbara County
 - Currently Nonattainment
- High site is Carpinteria and Paradise National Forest
 - 8-hour designation value = 0.086 ppm
 - 1-hour designation value = 0.08 ppm

PM_{2.5} Standard

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

Proposed PM_{2.5} Change Nonattainment

- Sacramento Valley Air Basin
Sutter/Yuba Counties
 - Currently Attainment
 - High site is Yuba City
 - Annual Average = 14.5 µg/m³
 - Ozone exceptional events occurred 2021

What's Next? (*tentative)

- Post staff report
 - *November 30, 2022
- 45-day public comment period opens
 - *December 3, 2022
- Board Hearing
 - January 26, 2023

Further Information

- Online information

[State Area Designations](#) webpage

Sign up to receive notifications regarding State Area Designations

- Contacts

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Comments Questions