



# **Proposed 2021 Amendments to the Area Designations for State Air Quality Standards**

Public Workshop  
October 22, 2021

# Logistics

- Presentation available on-line
  - [State Area Designation – Current Activities](#)
- Problems during presentation
  - email [Theresa Najita](mailto:theresa.najita@arb.ca.gov) at [theresa.najita@arb.ca.gov](mailto: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
- Designations reviewed annually
- Designations indicate healthfulness of air quality

# Data to Use

- “Data for Record”
  - Meet siting and QA procedures
  - Collected by CARB, Districts, others
  - Reflect expected highest concentrations
- Time Period
  - Most recent 3 calendar years
  - Current review: 2018-2020

# 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 by District
  - Highly irregular or infrequent events are not excluded

# Proposed 2021 State Area Designation Changes

- $\text{NO}_2$  – 1 area
- $\text{PM}_{10}$  – 1 area
- $\text{PM}_{2.5}$  – 1 area

# NO<sub>2</sub> Standard

- Two Standards
  - 1-hour = 0.18 ppm
  - Annual = 0.030 ppm
  - Both are not to be exceeded
- Areas must meet both standards for Attainment designation

# Proposed NO<sub>2</sub> Change Attainment

- South Coast Air Basin
  - CA 60 Portion of San Bernardino, Riverside, and Los Angeles Counties
    - Currently Nonattainment
  - High site is Ontario-Route 60 Near Road
    - Annual designation value = 0.030 ppm
    - 1-hour designation value = 0.09 ppm

# PM<sub>10</sub> Standard

- Two Standards
  - 24 hour = 50  $\mu\text{g}/\text{m}^3$
  - Annual = 20  $\mu\text{g}/\text{m}^3$
  - Not to be exceeded
- Areas must meet both standards for Attainment designation

# Proposed PM<sub>10</sub> Change Attainment

- North Coast Air Basin  
Mendocino County
  - Currently Nonattainment
  - High site is Fort Bragg
    - Annual Average = 14 µg/m<sup>3</sup>
    - 24 hour = 49 µg/m<sup>3</sup>

# PM<sub>2.5</sub> Standard

- One Standard
  - Annual Average = 12 µg/m<sup>3</sup>
  - Not to be exceeded

# Proposed PM<sub>2.5</sub> Change Attainment

- South Central Coast Air Basin  
Santa Barbara County
  - Currently Unclassified
  - High site is Santa Barbara
    - Annual Average = 9 µg/m<sup>3</sup>

# What's Next?

- Post staff report
  - December 28, 2021
- 45-day public comment period opens
  - December 31, 2021
- Board Hearing
  - February 24 and 25, 2022

# Further Information

- Online information

[State Area Designations](#) webpage

Sign up to receive notifications regarding State Area Designations

- Contacts

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# Comments Questions