

***Proposed Amendments  
to the Area Designations  
for State Standards***

***Board Hearing Presentation  
January 20, 2005***

# ***Presentation Outline***

- **Designation Process and Criteria**
- **Proposed Designation Changes**
- **Recommendation**

# *Area Designation Process and Criteria*

# *Designation Process*

- ARB sets State standards
- ARB adopts designation criteria
- Designations indicate if health based standards are met
- Designations updated annually

# *Designation Criteria*

- ARB adopted criteria in 1989
- Periodic review of criteria
- Last updated in January 2004
- No changes proposed

# *Affected Pollutants*

- **Pollutants with State standards**
  - Ozone
  - PM10
  - PM2.5
  - Carbon Monoxide
  - Nitrogen Dioxide
  - Sulfur Dioxide
  - Sulfates
  - Lead
  - Hydrogen Sulfide
  - Visibility Reducing Particles

# *Designation Categories*

- Nonattainment
- Nonattainment-Transitional
- Attainment
- Unclassified

# *Size of Designated Areas*

- **Air Basin**
  - Ozone, NO<sub>2</sub>, PM10, PM2.5, sulfates, and visibility reducing particles
- **County**
  - CO, SO<sub>2</sub>, lead, and H<sub>2</sub>S
- **Smaller areas if justified**
  - Area with unique air quality

# ***Monitoring Data Used***

- Statewide network provides “Data for Record”
- Most recent complete 3 years used
- Quality assurance review is performed

# *Highly Irregular or Infrequent Events*

- Beyond reasonable regulatory control
- Not considered in designation process
- Values remain in data base

# *Determination of Attainment*

- No violations in past 3 years
- Some exceedances not considered violations
- Designation criteria define such events

# ***Nonattainment-Transitional***

- **Reflects progress towards attainment**
- **State law defines criteria for ozone**
- **ARB adopted criteria apply to other pollutants**

# ***2004 Proposed State Area Designations***

# *Proposed Designation Changes*

- **PM Attainment**
  - Lake Tahoe Air Basin (PM<sub>2.5</sub>)
  - Monterey, Santa Cruz, and San Benito counties (PM<sub>2.5</sub>)
  - Siskiyou County (PM<sub>10</sub>)
- **Carbon Monoxide Attainment**
  - Los Angeles County

# *Proposed Designation Changes*

- **Ozone Nonattainment-Transitional**
  - Monterey, Santa Cruz, and San Benito counties

# *Recommendation*

**Adopt staff's proposed amendments  
to ARB's area designations**