

***PROPOSED 2012  
AMENDMENTS TO THE  
AREA DESIGNATIONS  
FOR STATE  
STANDARDS***

*Public Workshop  
February 21, 2012*

# *Logistics*

- *Presentation available on-line*
  - *[www.arb.ca.gov/desig/2012statedesig.htm](http://www.arb.ca.gov/desig/2012statedesig.htm)*
- *Audio toll-free line*
  - *1-866-820-5740 (code 2065838)*
  - *Please keep phones muted*
- *Problems during presentation*
  - *email Jenette Kwong at [jkwong@arb.ca.gov](mailto:jkwong@arb.ca.gov)*
- *Questions/Comments after presentation*

# ***Presentation Outline***

- ***Designation Process & Criteria***
- ***Proposed Designation Changes***
- ***Next Steps***
- ***Comments and Discussion***

# *Designation Process*

- *ARB adopts State standards to protect public health and welfare*
- *ARB adopts designation criteria and area designations*
- *Designations indicate healthfulness of air quality*
- *Designations reviewed annually*

# *Data to Use*

- *“Data for Record”*

*Meet siting and QA procedures*

*Collected by ARB, Districts, others*

*Reflect expected highest concentrations*

- *Time Period*

*Most recent 3 calendar years*

*Current review: 2008-2010*

# *Exceedance vs. Violation*

- *Exceedance*

*Concentration higher than standard  
Qualifying exceedances are excluded as  
Highly Irregular or Infrequent Events*

- *Violation*

*Exceedance not excluded as 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*  
*Subcategory of Nonattainment*
- *Ozone*  
*3 or fewer exceedances in last year*  
*Designation by District*  
*Does not require ARB action*  
*Occurs by Operation of Law*

# *Proposed 2012 State Area Designation Changes*

- *Ozone and PM<sub>2.5</sub> only*
  - *Two Ozone changes by Operation of Law*
  - *Three PM<sub>2.5</sub> changes which require Board Action*

# *Ozone Standard*

- *Two Standards*

*1-hour = 0.09 ppm*

*8-hour = 0.070 ppm*

*Both are not to be exceeded*

- *Areas must meet both standards for Attainment designation*

# *Proposed Ozone Changes*

- *Glenn County*

*Sacramento Valley Air Basin*

*Currently Nonattainment*

*High site is Willows*

*8-hour designation value = 0.072 ppm*

*No 8-hour exceedances in 2010*

*Nonattainment-Transitional by Operation of Law*

# *Proposed Ozone Changes*

- *Yolo/Solano Counties*

*Sacramento Valley Air Basin*

*Currently Nonattainment*

*High site is Woodland*

*8-hour designation value = 0.088 ppm*

*No 8-hour exceedances in 2010*

*Nonattainment-Transitional by Operation of Law*

# ***PM<sub>2.5</sub> Standard***

- ***One Standard***

***Annual Average = 12  $\mu\text{g}/\text{m}^3$***

***Not to be exceeded***

# *Proposed PM<sub>2.5</sub> Changes*

- *North Coast Air Basin*

*Del Norte, Humboldt, Trinity, Mendocino,  
and Northern Sonoma Counties*

*Currently Unclassified*

*High site is Eureka*

*Annual designation value = 8 µg/m<sup>3</sup>*

*Propose Attainment for Air Basin*

# *Proposed PM<sub>2.5</sub> Changes*

- *Northeast Plateau Air Basin*

*Lassen, Modoc, Siskiyou Counties*

*Currently Unclassified*

*High site is Yreka*

*Annual designation value = 5 µg/m<sup>3</sup>*

*Propose Attainment for Air Basin*

# *Proposed PM<sub>2.5</sub> Changes*

- *Ventura County*

*South Central Coast Air Basin*

*Currently Nonattainment*

*High site is Thousand Oaks*

*Annual designation value = 11  $\mu\text{g}/\text{m}^3$*

*Propose Attainment for County*

# *What's Next?*

- *February 28 – Deadline to submit comments/information*
- *April 9 - Staff report available*
- *May 24 - Board Hearing*

# ***Further Information***

- ***Online information***

***[www.arb.ca.gov/desig/desig.htm](http://www.arb.ca.gov/desig/desig.htm)***

***Sign up for designation listserve***

- ***Contacts***

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**Comments ...**  
**Questions ...**  
**Discussion ...**