



Western Riverside Council of Governments

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08-2-7

February 27, 2008

Mary Nichols
Chairman
California Air Resources Board
1001 I Street
Sacramento, CA 95814

Subject: Adoption of Proposition 1B Funding Guidelines for Implementation of the Goods Movement Emissions Reduction Program

Dear Ms. Nichols:

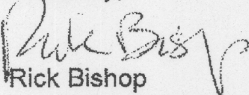
The Western Riverside Council of Governments (WRCOG) is writing about the Proposition 1B Goods Movement Emission Reduction Program funding guidelines scheduled for adoption on February 28, 2008 at your Board meeting. WRCOG understands that these guidelines will determine the share of funding received by each trade corridor region in the state. We believe that it is important that the region, which has the largest population of Californians exposed to the most unhealthy air in the nation, receives its fair share of the \$1 billion approved by voters to mitigate air quality impacts.

We support CARB's proposal that 55% of the \$1 billion Proposition 1B funds for air quality mitigation is allocated to the Los Angeles/Inland Empire transportation corridor. The allocation of funds for this region should be based on the severity of air pollution and the number of people impacted, or in technical terms, population weighted exposure to criteria air pollutants above federal standards for Particulate matter (PM 2.5) and Ozone. Furthermore, as shown in the attachment, detailed analysis of the PM2.5 and 8-hour ozone exposure for the South Coast air basin shows that this region bears a full 89% of the population weighted incremental PM2.5 exposure above federal annual standard on a statewide basis. For 8-hour ozone exposure above the federal standard this figure is 74% on a statewide basis.

While we believe that up to 80% of the Prop 1B funds should be allocated to Southern California in order to meet the air quality needs of the region, we support the proposed 55% allocation to the Los Angeles/Inland Empire region and urge that no reductions to the proposed allocation occur.

If you have any questions, please contact Barbara Spoonhour, Program Manager at (951) 955-8313 or by e-mail at spoonhour@wrcog.ca.us

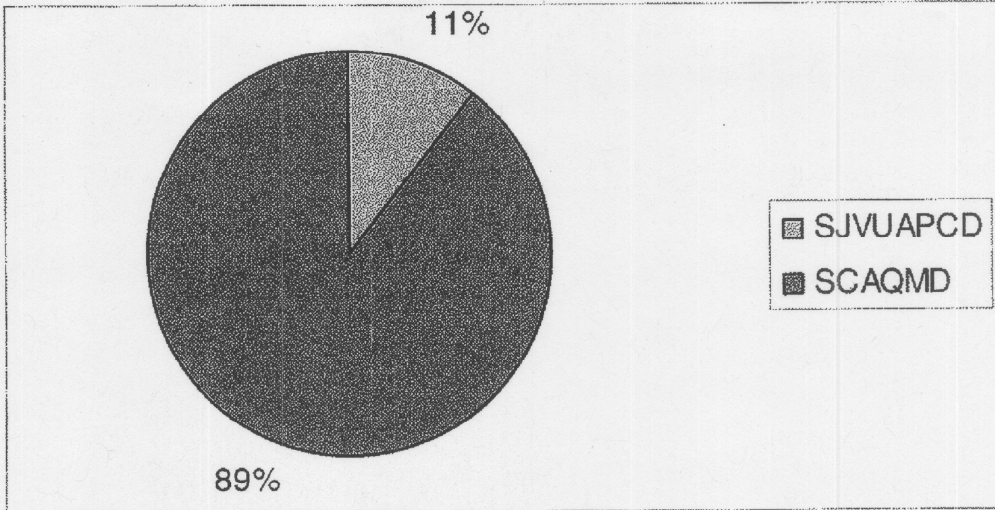
Sincerely,


Rick Bishop
Executive Director

Attachment: Description of Population Weighted Exposure Calculation Method

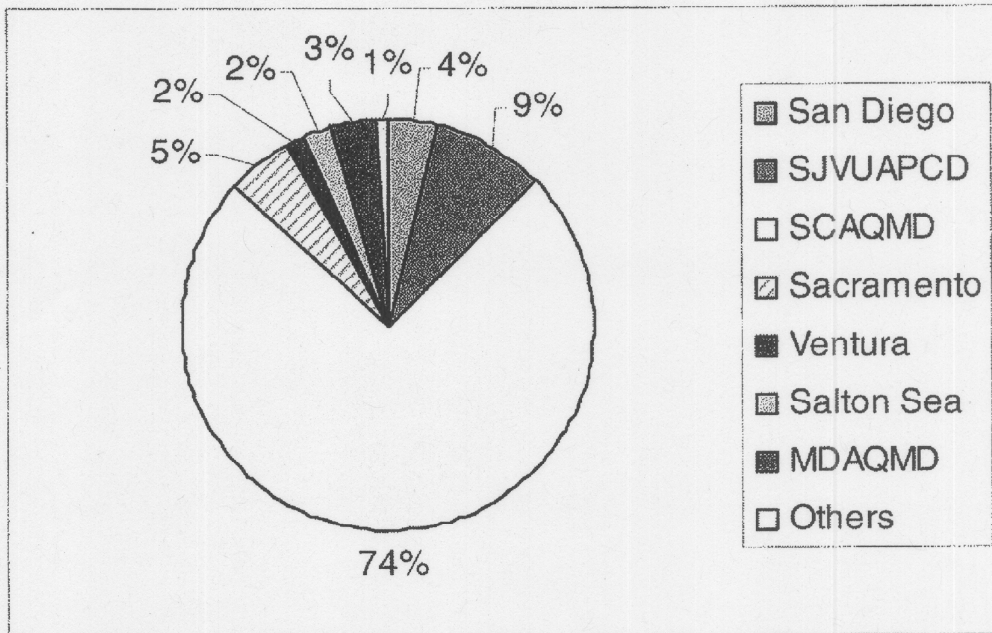
cc: CARB Board Members

2004-2006 Population Weighted Exposure to Annual PM2.5 Above the Federal Standard



Source Data: US EPA AIRS & CARB Almanac

2004-2006 Population Weighted Exposure to 8-Hr Ozone Above the Federal Standard



Source Data: US EPA AIRS & CARB Almanac

Description of Population Weighted Exposure Calculation Method

Method to calculate incremental exposure above the federal annual PM2.5 standard

- Obtain annual arithmetic means of PM2.5 for each California County from EPA AIRS for the years 2004-2006.
- Select counties with 3-year average above 15 ug/m3 (the federal standard)
- Subtract 15 ug/m3 from three year average for selected counties to get the incremental value above the federal standard
- Obtain county population for 2000 from EPA AIRS
- For each selected County, County exposure = 2000 county population x incremental value above standard
- Sum the county exposures for the selected counties to get the total state incremental exposure value
- Determine the percent of total state exposures above the standard for each county
- Sum the percent exposures by corridor

Method to calculate incremental exposure above the federal annual 8-hour ozone standard

- Obtain the 4th max 8-hour ozone design value for each California County from EPA AIRS for the years 2004-2006.
- Select counties with 3-year average of 4th max values above 0.08 ppm
- Subtract 0.08 ppm from three year average for selected counties to get the incremental value above the federal standard
- Obtain county population for 2000 from EPA AIRS
- For each selected County, County exposure = 2000 county population x incremental value above standard
- Sum the county exposures for the selected counties to get the total state incremental exposure value
- Determine the percent of total state exposures above the standard for each county
- Sum the percent exposures by corridor