

State of California
AIR RESOURCES BOARD

Summary of Board Meeting
July 21, 2005
Joe Serna, Jr. Building
California Environmental Protection Agency
1001 I Street, Byron Sher Auditorium
Sacramento, California 95814

MEMBERS PRESENT: Hons. Cindy K. Tuck, Chair
Sandra Berg
Dorene D'Adamo
Supervisor Mark J. DeSaulnier
Henry Gong, Jr., M.D.
Supervisor Barbara Patrick
Ronald O. Loveridge
Patricia Salas Pineda
Barbara Riordan
Supervisor Ron Roberts

AGENDA ITEM #

05-7-1: Health Update: Research Findings from the Southern California Particle Center and Supersite

SUMMARY OF AGENDA ITEM:

Staff presented research highlights from the Southern California Particle Center and Supersite. The SCPCS seeks to better understand particulate matter (PM), its constituents and precursors and how transport of PM affects human exposure. Center research studies include exposure assessments, dosimetry and modeling experiments, as well as toxicology and epidemiologic studies. The Center also develops testing methods to enable comparisons and evaluation of different technologies for characterizing PM, including evaluation of new instrumentation, sampling methods and federal reference methods. Freeway studies conducted at the Center have demonstrated that large numbers of ultrafine particles generated from fossil fuel combustion have significant health implications. Animal and human studies have been conducted by Center researchers to explore the effects of freeway exposures on multiple health endpoints.

ORAL TESTIMONY: None

FORMAL BOARD ACTION: None (Informational Item)

RESPONSIBLE DIVISION: Research Division

STAFF REPORT: No

05-7-2: Public Meeting to Consider the Draft Report, "Planned Air Pollution Research, Fiscal Year 2005-2006"

SUMMARY OF AGENDA ITEM: Staff presented planned research for the current fiscal year, including 32 individual projects. The report describes research projects proposed for immediate funding and those recommended for funding if additional monies become available.

ORAL TESTIMONY: Marie Liu of Senator Florez's office and Bonnie Holmes-Gen of the American Lung Association, requested that Board consider funding at \$750,000 instead of \$350,000 for the "The Fresno Asthmatic Children's Environment Study," The Board clarified its support for the project but also the need for past-due deliverables.

FORMAL BOARD ACTION: The Board unanimously approved resolution number 05-36.

RESPONSIBLE DIVISION: Research Division

STAFF REPORT: No

05-7-3: Public Meeting to Consider a Research Proposal

SUMMARY AGENDA ITEM: Staff presented a research proposal entitled "A Study to Quantify Health Benefits of Incremental in Air Quality".

ORAL TESTIMONY: None

FORMAL BOARD ACTION: The Board unanimously approved resolution number 05-37.

RESPONSIBLE DIVISION: Research Division

STAFF REPORT: No

05-7-4:

Public Hearing to Consider Adoption of On-Board Diagnostic System Requirements for 2010 and Subsequent Model Year Heavy-Duty Engines (HD OBD)

SUMMARY OF AGENDA ITEM:

The staff proposed adoption of new regulations which require OBD systems to be phased in on all on-road heavy-duty diesel and gasoline engines produced for sale in California, provided those vehicles have a gross vehicle weight rating greater than 14,000 pounds, starting with the 2010 model year.

The regulation requires manufacturers to monitor virtually every emission-related component and system on the engine. Malfunctions of the major components or systems must be detected before emissions exceed a specific threshold. For all other systems and components, functional monitors are required. When a malfunction is detected, the OBD system must illuminate a warning light to alert the driver. The proposed regulation also defines standard content and format of diagnostic information to be output for use by repair technicians, a standardized methodology for determining the frequency of monitor operation, and post-assembly testing requirements to verify compliance.

ORAL TESTIMONY:

Jed Mandel, EMA
Eric Swenson, TMA
Bob Jorgensen, Cummins, Inc.
Todd Campbell, Coalition for Clean air
Bonnie Holmes-Gen, ALA
Kathryn Phillips, Environmental Defense
David Ferris, General Motors

FORMAL BOARD ACTION: The Board unanimously adopted resolution number 05-38, approving the proposed regulation with specified modifications suggested by staff at the hearing.

RESPONSIBLE DIVISION: Mobile Source Control Division

STAFF REPORT: Yes

05-7-5:

Public Meeting to Consider a Resolution Providing for Board Ratification of Future Memoranda of Understanding

The Board considered adoption of a Resolution providing that the Executive Officer may enter into future memoranda of understanding (MOU) and similar agreements; however, no such MOU or agreement shall be effective until ratified by the Board by resolution at a public meeting. In addition, the Resolution requires the Executive Officer to notify the Board and the public before starting to negotiate a MOU, and to solicit comments or provide for public input during the development of a MOU.

The Board announced that it would hold a special meeting on the June 24, 2005, MOU the Executive Officer entered into on behalf of ARB with the two major railroads operating in California to reduce particulate emissions at California rail yards to receive comments from interested parties on that MOU.

ORAL TESTIMONY:

Barbara Lee, CAPCOA
Barry Wallerstein, South Coast AQMD
Todd Campbell, City of Burbank and Coalition for Clean Air
Angelo Logan, East Yard Communities for Environmental Justice (EYCEJ)
Sylvia Betancourt, EYCEJ
Rachael Lopez, CCAE/HOME
Frank Gallego, Citizen
Lela Leon, EYCEJ
Leonard Mendoza, EYCEJ
Melissa Lin Perrella, Natural Resources Defense Council
Kirk Marchwald, Association of American Railroads
Michael Barr, Representing Assoc. of American Railroads

FORMAL BOARD ACTION: The Board unanimously approved resolution number 05-40.

RESPONSIBLE OFFICE: Executive Office

STAFF REPORT: None