

## **NOTICE OF PUBLIC MEETING**

STATE OF CALIFORNIA  
Air Resources Board

### **Research Screening Committee**

The Air Resources Board's (ARB) Research Screening Committee will hold a public meeting at the time and place specified below to review and consider fifteen interagency proposals and two final reports. The above items for review and approval, and any other matters that will be presented at the meeting are listed on the attached agenda.

Date: December 13, 2004  
Time: 9:00 a.m.  
Place: Cal/EPA Headquarters Building  
1001 I Street, Room 550  
Sacramento, California 95814

If you have any questions regarding this meeting, please contact Bart E. Croes, P.E., Chief, Research Division, Air Resources Board, P.O. Box 2815, Sacramento, California 95812, at (916)323-4519, or [bcroes@arb.ca.gov](mailto:bcroes@arb.ca.gov).

This notice and the advance agenda containing a brief summary of the items are available on the ARB Internet site at <http://www.arb.ca.gov/research/rsc/rsc/htm>. To obtain this document in an alternative format, please contact the ARB Americans with Disabilities Act Coordinator at (916) 323-4916, TDD (916) 324-9531, or (800) 700-8326 for TDD calls outside the Sacramento area.

Catherine Witherspoon /s/  
Executive Officer

Dated:

Attachment

*The energy challenge facing California is very real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at [www.arb.ca.gov](http://www.arb.ca.gov)*

**Location #2:**

Center for Occupational &  
Environmental Health  
San Francisco General Hospital  
1001 Potrero Avenue  
Building 30, 5<sup>th</sup> Floor  
San Francisco, CA 94110  
Phone: 415-206-5200

**Location #3:**

California Polytechnic State University  
Building 13, Room 108 (13-108)  
1 Grand Avenue  
San Luis Obispo, California 93407  
Phone: 805-756-1111

**Location #4:**

Environmental Protection Agency  
National Health and Environmental  
Effects Research Laboratory  
Research Triangle Park, NC 27711  
Phone: 919-966-6255

**Location #5:**

4518 Whisper Way Road  
Troy, MI 48098

**Location #6:**

Department of Health Services  
Environmental Health Investigative  
Branch (EHIB)  
1515 Clay Street, 17<sup>th</sup> Floor  
Oakland, CA 94612  
Phone: 510-622-4429

**Location #7:**

University of California, Irvine  
Earth System Science  
272 Rowland Hall, Zot 3100  
Irvine California 92697-3100  
Phone: 949-824-5838

**Location #8:**

Lawrence Berkeley National Lab  
1 Cyclotron Road, 90-3058  
Berkeley, California 94720  
Phone: 510-486-5215

**Location #9:**

Department of Engineering Sciences  
Director, Center for Energy &  
Combustion Research  
University of California, San Diego  
9500 Gilman Drive  
La Jolla, CA 92093-0411  
Phone: 858-534-5492

**Location #10:**

South Coast Air Quality Management  
District  
Science and Technology Advancement  
21865 East Copley Drive  
Diamond Bar, CA 91765-4182  
Phone: 909-396-2105

**Location #11:**

University of California, Irvine  
Department of Chemistry  
Irvine, California 92697-2025  
Phone: 909-824-7670

**State of California  
AIR RESOURCES BOARD**

**Research Screening Committee Meeting  
AGENDA**

**Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 550  
Sacramento, California 95814  
(916) 445-0753**

**December 13, 2004  
9:00 a.m.**

	Page
<b><u>Minutes of Previous Meeting</u></b>	
October 29, 2004	ii
<b><u>Interagency Proposals</u></b>	
1. "Cardiovascular Health Effects of Fine and Ultrafine Particles during Freeway Travel," University of California, Los Angeles, \$421,322, Proposal No. 2574-246.	Scott Fruin
2. "Characterization of Air Pollution Exposures in Economically Disadvantaged and High Traffic Density Neighborhoods in Los Angeles County, California," University of California, Los Angeles, \$421,781, Proposal No. 2561-246.	Cynthia Garcia
3. "Monitoring and Modeling of Ultrafine Particulates and Black Carbon at the Los Angeles International Airport," University of California, Los Angeles, \$118,260, Proposal No. 2562-246.	Ralph Propper
4. "Analysis of GPS-Based Vehicle Activity Data for Light Duty Vehicles," University of California, Riverside, \$25,000, Proposal No. 2564-246.	Hector Maldonado
5. "Assessment of Out-of-State Heavy-Duty Truck Activity Trends in California," University of California, Davis, \$67,976, Proposal No. 2566-246.	Hector Maldonado

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| 6. "California Dairies - Evaluation of Covered Lagoons and Digesters for Emission Reductions," University of California at Fresno, \$250,000, Proposal No. 2567-246.           | Kevin Cleary     |
| 7. "Development of an Improved VOC Analysis Method for Architectural Coatings," California Polytechnic State University, San Luis Obispo, \$249,981.91, Proposal No. 2568-246. | Kevin Cleary     |
| 8. "Development of In-field Diesel PM Compliance Method for Stationary and Portable CI Engines," University of California, Riverside, \$299,893, Proposal No. 2569-246.        | Hector Maldonado |
| 9. "Reducing Emissions of Volatile Organic Compounds (VOCs) from Agricultural Soil Fumigation," University of California, Riverside, \$200,000, Proposal No. 2570-246.         | Kevin Cleary     |
| 10. "Characterization of Versatile Aerosol Concentration Enrichment System (VACES)," University of California, Davis, \$94,739, Proposal No. 2571-246.                         | William Vance    |
| 11. "How New Chemistry Findings Affect Our Understanding of the Weekend Effect - A Modeling Study," University of California, Irvine, \$150,000, Proposal No. 2572-246.        | Nehzat Motallebi |
| 12. "Investigation of Atmospheric Ozone Impacts of Selected Pesticides," University of California, Riverside, \$99,850, Proposal No. 2573-246.                                 | Dongmin Lou      |
| 13. "Nighttime Chemistry: Observations of NO <sub>3</sub> and N <sub>2</sub> O <sub>5</sub> ," University of California, Berkeley, \$122,778, Proposal No. 2560-246.           | Ash Lashgari     |

**Final Reports**

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|---|--------------|
| 14. "Correlation Between Solids Content and Hiding as it relates to Calculation of VOC Content in Architectural Coatings," California Polytechnic State University, \$99,843, Contract No. 01-307 | Kevin Cleary |
|---|--------------|

15. "Initial Exploration of Advanced Data Analysis Methods to Assist Air Quality Mangement,"  
Clarkson University, \$40,440, Contract  
No. 01-348

Tony Van Curen

**Other Business**

16. "The Role of Inhaled Particles in the Pathophysiology of Cardiovascular Disease," University of California, Irvine, \$446,358, Proposal No. 2557-245 (Revised)

Ralph Propper