

## NOTICE OF PUBLIC MEETING

STATE OF CALIFORNIA  
Air Resources Board

### Research Screening Committee

A meeting of the California Air Resources Board's (ARB or Board) Research Screening Committee (RSC) will be held at the time and place specified below (see attached agenda). The RSC reviews projects funded or proposed for funding by ARB, and provides advice and recommendations to the Board. The RSC will review relevant written comments received on the scientific methods or other scientific aspects of the research projects.

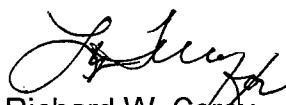
TO SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING, EMAIL TO: Monica Vejar at [mvejar@arb.ca.gov](mailto:mvejar@arb.ca.gov) by close of business, May 14, 2013. There will be a three minute time limit for those who wish to provide oral comments on an agenda item.

The notice and materials to be discussed are on the ARB Internet site at <http://www.arb.ca.gov/research/rsc/rsc.htm>.

Date: May 17, 2013  
Time: 9:00 a.m.  
Place: Cal/EPA Headquarters Building  
1001 I Street, Conference Room 510  
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).

If you require a special accommodation or need these documents in an alternate format or another language, please contact Monica Vejar, RSC Coordinator, at (916) 322-3707 or [mvejar@arb.ca.gov](mailto:mvejar@arb.ca.gov), as soon as possible, but no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

  
Richard W. Corey  
Executive Officer

Dated: 4/25/13

Attachment

**Location #2**

4518 Whisper Way Drive  
Troy, Michigan

**Location #3**

Department of Public Health  
MSIC, RM 130, One Shields Ave.  
University of California, Davis  
Davis, California

**Location #4**

Dept. of Mechanical & Aerospace Engineering  
Director, Center for Energy Research  
9500 Gilman Drive  
555 Engineering Building No. 2  
University of California, San Diego  
La Jolla, California

**Location #5**

Department of Atmospheric and Oceanic Sciences  
405 Hilgard Avenue  
7127 Math Science Building  
University of California, Los Angeles  
Los Angeles, CA

**Location #6**

Research Triangle Park  
EPA Research Facility  
109 TW Alexander Drive  
B Building, Room B320J  
Durham, North Carolina  
(This is a Federal building. Please provide 24-hour notice for security access.)

**Location #7**

California Polytechnic State University  
Engineering IV, Building. 192, Room # 206  
San Luis Obispo, California

**Location #8**

4150 La Posada  
San Luis Obispo, California

**Location #9**

South Coast Air Quality Management District  
Science and Technology Advancement  
21865 Copley Drive  
Diamond Bar, CA

**State of California  
AIR RESOURCES BOARD**

**Research Screening Committee Meeting  
Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 510  
Sacramento, California 95814  
(916) 445-0753**

**May 17, 2013  
9:00 a.m.**

**AGENDA**

**I. Approval of Minutes of Previous Meeting:**

March 8, 2013 meeting

**II. Discussion of Draft Final Reports:**

- 1) "Study of In-Use Emissions from Diesel Off-Road Equipment,"  
University of California, Riverside, \$300,000, Contract No. 08-315
- 2) "Integrated Physical and Chemical Measurements of Heavy-Duty Diesel Emissions at  
WVU Full Scale Wind Tunnel," University of California, Davis, \$419,914,  
Contract No. 08-322
- 3) "Improved Characterization of Primary and Secondary Carbonaceous Particles,"  
University of California, San Diego, \$255,000, Contract No. 09-328

**III. Discussion of New Research Projects:**

- 1) "Examining Factors that Influence ZEV Sales in California,"  
University of California, Los Angeles, \$295,377, Proposal No. 2758-276
- 2) "The Future of Drop-In Fuels: Life-Cycle Cost and Environmental Impacts of  
Bio-Based Hydrocarbon Fuel Pathways," University of California, Berkeley, \$400,000,  
Proposal No. 2759-276
- 3) "The Feasibility of Renewable Natural Gas as a Large-Scale, Low-Carbon  
Substitute," University of California, Davis, \$330,934, Proposal No. 2760-276
- 4) "Collection of Activity Data from On-Road Heavy-Duty Diesel Vehicles,"  
University of California, Riverside, \$371,724, Proposal No. 2761-276
- 5) "Air Quality Impacts of Low Vapor Pressure-Volatile Organic Compounds,"  
University of California, Riverside, \$405,338, Proposal No. 2757-276

- 6) "Environmental Fate of Low Vapor Pressure – Volatile Organic Compounds from Consumer Products: A Modeling Approach," University of California, Davis, \$200,000, Proposal No. 2762-276
- 7) "Co-Exposure to Particulate Matter and Ozone: Pulmonary C-Fiber and Platelet Activation in Decreased Heart Rate Variability," University of California, Davis, \$600,782, Proposal No. 2763-276
- 8) "Cardiovascular Effects of Multi-Pollutant Exposure: Mechanisms and Interactions," University of California, Irvine, \$583,621, Proposal No. 2764-276
- 9) "Developing a New Methodology for Analyzing Potential Displacement," University of California, Berkeley, \$695,792, Proposal No. 2765-276
- 10) "Effectiveness of Sound Wall-Vegetation Combination Barriers as Near-Roadway Pollutant Mitigation Strategies," University of California, Los Angeles, \$516,139, Proposal No. 2766-276

#### IV. Discussion of a Response to Request for Proposals:

- 1) "Evaluating Technologies and Methods to Lower Nitrogen Oxide Emissions from Heavy-Duty Vehicles," RFP No. 12-310, Proposal No. 2767-276