

**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**

**December 11, 2015
9:00 a.m.**

ACTION

I. Approval of Minutes of Previous Meeting:

July 8, 2015 meeting

-- Approved

II. Discussion of a New Research Project:

1) "Heavy-Duty On-Road Vehicle Inspection and Maintenance Program," University of California, Riverside, \$500,000, Proposal No. 2799-284

-- Approved

III. Discussion of Draft Final Reports:

1) "Very Low PM Mass Measurements," University of California, Riverside, \$100,000, Contract No. 12-320

-- Approved

2) "Development of a New Methodology to Characterize Truck Body Types Along California Freeways," University of California, Irvine, \$350,000, Contract No. 11-316

-- Approved

3) "New Car Buyers' Valuation of Zero-Emission Vehicles," University of California, Davis, \$358,806, Contract No. 12-332

-- Approved

4) "Analyzing the Economic Benefits and Costs of Smart Growth Strategies," University of California, Berkeley, \$330,000, Contract No. 11-326

-- Approved

- 5) "Reducing In-Home Exposure to Air Pollution," Lawrence Berkeley National Laboratory, \$1,300,863, Contract No. 11-311
-- Approved
- 6) "Atmospheric Measurement and Inverse Modeling to Improve Greenhouse Gas Emission Estimates," Lawrence Berkeley National Laboratory, \$680,000, Contract No. 11-306
-- Approved
- 7) "Source Speciation of Central Valley GHG Emissions Using In-Situ Measurements of Volatile Organic Compounds," University of California, Berkeley, \$360,000, Contract no. 11-315
-- Tabled
- 8) "Evaluating Mitigation Options of Nitrous Oxide Emissions in California Cropping Systems," University of California, Davis, \$400,000, Contract No. 11-313
-- Approved
- 9) "Modeling the Formation and Evolution of Secondary Organic Aerosol during CalNex 2010," University of Colorado, \$350,000, Contract No. 11-305
-- Approved
- 10) "Probing the Intrinsic Ability of Particles to Generate Reactive Oxygen Species and the Effect of Physiologically Relevant Solutes," \$301,039, University of California, Los Angeles, Contract No. 10-314
-- Approved