

CALIFORNIA AIR RESOURCES BOARD

**Research Screening Committee Meeting
Cal/EPA Headquarters Building
1001 I Street
Conference Room 510, 5th Floor
Sacramento, California 95814
(916) 445-0753**

**February 2, 2018
9:00 a.m.**

ACTION

Research Screening Committee Members in Attendance via GoTo Meeting

Harold Cota
J.R. DeShazo
Bill Eisenstein
Philip Fine
Suzanne Paulson
Rashid Shaikh
Forman Williams
Yifang Zhu

The Research Screening Committee convened the meeting at 9:05 a.m.

I. Approval of Minutes of Previous Meeting:

August 25, 2017

II. Discussion of Responses to Requests for Proposals (RFP):

1. "Measuring Emissions from the On-Road Vehicle Fleet in West Los Angeles," University of Denver, \$40,000, RFP No. 17RD015

-Approved

2. "Identify Outlier Makes and Models of Light Duty Vehicles Using Remote Sensing Device Data," Eastern Research Group, \$74,975, RFP No. 17RD014

-Approved

3. "Brake and Tire Wear Emissions," Eastern Research Group, \$349,990, RFP No. 17RD016

-Approved

III. Discussion of New Research Proposals:

1. "Design and Development of an Instrument for Toxic-metal Aerosol Real Time Analysis (TARTA), University of California, Davis, \$399,999, Proposal No. 2814-288

-Approved

2. "Benchmarking of Post-AMMP (Alternative Manure Management Practices) Dairy Emissions and Prediction of Related Long-term Airshed Effects," University of California, Davis, \$384,974, Proposal No. 2815-288

-Approved

3. "Strategies to Reduce Methane Emissions from Enteric and Lagoon Sources," University of California, Davis, \$114,995, Proposal No. 2816-288

-Approved

IV. Discussion of a Proposed Contract Augmentation:

1. "Zero Carbon Buildings in California: A Feasibility Study," University of California, Berkeley, \$250,000, Contract No. 16RD004

-Approved

V. Discussion of Draft Final Reports:

1. "Benefits of High Efficiency Filtration to Children with Asthma," University of California, Davis, \$3,350,000, Contract No. 11-324

-Approved

2. "Reducing Formaldehyde Emissions from Home Central Heating and Air Conditioning Filters," Lawrence Berkeley National Laboratory, \$350,000, Contract No. 14-303

-Approved

3. "Ozone in the Lower Atmosphere and its Contribution to High Ozone Concentrations at Ground-Level in the Southern San Joaquin Valley," University of California, Davis, \$300,021, Contract No. 14-308

-Approved

4. "Characterization of PM2.5 Episodes in the San Joaquin Valley Based on Data Collected During the NASA DISCOVER-AQ Study in the Winter of 2013," University of California, Davis, \$200,000, Contract No. 14-307

-Approved

5. "Evaluation of the Impacts of Emissions Averaging and Flexibility Programs for all Tier 4 Final Off-Road Diesel Engines," University of California, Riverside, \$300,000, Contract No. 14-301

-Approved

6. "Collection of Tractor-Trailer Activity Data," University of California, Riverside, \$488,560, Contract No. 14-302

-Approved

7. "The Dynamics of Plug-in Electric Vehicles in the Secondary Market and their Implications for Vehicle Demand, Durability, and Emissions," University of California, Davis, \$300,000, Contract No. 14-316

-Approved

8. "Identifying, Evaluating, and Selecting Indicators, Indices and Data for Future Monitoring System of the Implementation of Sustainable Communities Strategies," University of California, Los Angeles, \$149,485, Contract No. 15RD010

-Approved

9. "Measurement of Real-World Emissions from Heavy-duty Vehicles to Investigate the Durability of Diesel Engine Controls," University of Denver, \$289,678, Contract No. 11-309

-Approved

VI. Other Business:

1. Update on the Planned Air Pollution Research for FY 2018-2021 / Update on Triennial Strategic Research Plan workshop

The meeting adjourned at 11:10 a.m.