State of California
AIR RESOURCES BOARD

PROPOSED RESEARCH PLAN, FISCAL YEAR 2016-2017

Resolution 16-6

May 19, 2016

Agenda Item No.: 16-5-3

WHEREAS, the Legislature has declared that an effective research program is an integral part of the broad-based statewide effort to combat air pollution in California, pursuant to Health and Safety Code sections 39700-39705;

WHEREAS, the Air Resources Board (ARB or Board) has been directed to administer and coordinate all air pollution research funded, in whole or in part, with state funds, pursuant to Health and Safety Code section 39703;

WHEREAS, ARB has been directed to establish objectives for air pollution research in California, pursuant to Health and Safety Code section 39703;

WHEREAS, the ARB has been directed to appoint a Research Screening Committee of outside experts to give advice and recommendations with respect to all air pollution research projects funded by the State, pursuant to Health and Safety Code section 39705;

WHEREAS, staff will present to the Board an annual plan to carry out the research needs outlined in the *Proposed Research Plan, Fiscal Year 2016-2017* (Plan), for air quality and climate research in California;

WHEREAS, research included in the Plan will advance the state of the science and support ARB's efforts to meet California's air quality and climate goals by supporting continued efforts to monitor carbon dioxide emissions in the Los Angeles basin, improving CalEnviroScreen at the US-Mexico Border, characterizing in-use emissions and fuel consumption from heavy-duty vehicles using conventional and alternative engine and fuel technologies, and determining the best use of incentive funds and policy mechanisms to decarbonize the heavy-duty transportation sector; and

WHEREAS, the Board finds that the Plan satisfies Health and Safety Code Section 39701 which requires ARB to coordinate and collect research data on air pollution, including investigating air pollution problems and solutions and identifying knowledge gaps. The projects contained in the Plan will fill knowledge gaps in the areas of motor vehicle emissions control, atmospheric chemistry and physics, trends in atmospheric quality throughout the State, and the consequences of various alternative solutions to specific air pollution problems.

NOW, THEREFORE, BE IT RESOLVED that the Board, pursuant to the authority granted by Health and Safety Code sections 39700-39705, hereby approves the report entitled *Proposed Research Plan, Fiscal Year 2016-2017*.

I hereby certify that the above is a true and correct copy of Resolution 16-6 as adopted by the Air Resources Board.

Tracy Jensen

Tracy Jensen, Clerk of the Board