

# State of California Air Resources Board

## Board Item Summary

**Item # 25-6-3:      Public Meeting to Consider Proposed Research Contract with the University of California, Davis, Titled "Accelerated evaluation of ambient PM2.5 in regions affected by the 2024 NAAQS update"**

### Staff Recommendation:

The California Air Resources Board (CARB or Board) staff recommends that the Board approve funding of the proposed research contract with the University of California, Davis, titled "Accelerated evaluation of ambient PM2.5 in regions affected by the 2024 NAAQS update."

### Discussion:

CARB's Research Program plays an important role in meeting the challenges of increasingly stringent federal air quality standards and long-term climate goals. It serves as the foundation for effective regulatory decisions. This proposed research contract is responsive to CARB's programmatic goals, emerging air quality, health, and climate issues, and public input.

Several regions in California are designated as non-attainment areas under the National Ambient Air Quality Standards (NAAQS) for PM2.5. The project will expand CARB's high-resolution PM2.5 measurement efforts using advanced Aerosol Chemical Speciation Monitors in the non-attainment areas throughout California to address the U.S. Environmental Protection Agency's new annual PM2.5 NAAQS criteria of nine micrograms per cubic meter.

### Summary and Impacts:

The outcomes of this contract could be used to inform CARB's emission inventory and the State Implementation Plans to guide mitigation strategies. The estimated cost to fund this proposed research contract is \$1,000,000. Board approval will authorize staff to implement this contract to undertake the activities described in this proposal.