

**State of California
Air Resources Board
Board Item Summary**

Item # 21-1-4: Public Meeting to Consider Proposed Research Contract with the University of California, Davis, Titled "Estimating the Health Benefits of Reducing Emissions of Toxics Air Contaminants in California"

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 "Estimating the Health Benefits of Reducing Emissions of Toxics Air Contaminants in California." The execution of this contract will help to support CARB staff by providing an easy-to-use model to evaluate health benefits of reduced air toxics emissions from airborne toxic control measures and other emission reduction strategies.

Discussion:

One of California's critical air quality goals is to reduce the public's health risk from exposure to airborne toxic chemicals. To achieve this goal, CARB strives to evaluate and reduce exposure to toxic air contaminants (TACs). Developing the methodology to identify specific cancer and non-cancer health outcomes associated with toxic emissions, and estimating the monetary value of these health outcomes, will enable CARB to better assess the value of health benefits accrued due to existing and proposed rules and regulations. This project will support CARB's efforts to reduce the public's health risk from exposure to airborne toxic chemicals. The final product will be a publicly accessible spreadsheet model that can be used by CARB, local governments, communities, and other interested stakeholders. In addition, CARB will be able to use this model to evaluate health benefits of reduced air toxics emissions from airborne toxic control measures and other emission reduction strategies.

Summary and Impacts:

The information gained through this contract will support CARB's ability to evaluate the effects of its policies and programs, including a wide range of public health benefits. Approximately \$350,000 is requested to fund this contract. Approval by the Board will authorize staff to put this contract in place to undertake the activities described.