CALIFORNIA
AIR RESOURCES BOARD

Mary D. Nichols, Chair
Matthew Rodriquez, CalEPA Secretary
Edmund G. Brown Jr., Governor

TO: All Interested Parties

DATE: March 1, 2018

SUBJECT: PUBLIC RELEASE OF EMFAC2017 UPDATE, v1.0.2

CARB is officially releasing EMFAC2017 to the public on March 1, 2018. This version will replace the current version (v1.0.1) that was previously released on December 22, 2017. This new version addresses some minor issues related to activity (e.g., VMT) of urban transit buses and CO_2 emission rates for light duty vehicles of model year 2022 through 2024. The new version will be submitted to USEPA for approval.

EMFAC2017 is the latest emissions inventory model that calculates emissions inventories for motor vehicles operating on roads in California. EMFAC2017 represents the next step forward in the ongoing improvement process for EMFAC, and reflects the CARB's current understanding of how vehicles travel and how much they pollute. The EMFAC2017 model is needed to support the CARB's regulatory and air quality planning efforts and to meet the Federal Highway Administration's transportation planning requirements. Although EMFAC2017 will use a similar framework as EMFAC2014, it is still strongly recommended that users thoroughly read the User's Guide before installing and running the model. You can download the EMFAC2017 Installation Package, the User's Guide, and the Project Level Analyses Handbook at: http://www.arb.ca.gov/msei/msei.htm.

Online training videos are also available at: https://www.arb.ca.gov/msei/training.htm

In addition, a corresponding EMFAC2017 (v1.0.2) Web Database is now available at: https://www.arb.ca.gov/emfac/. This database is based on default EMFAC2017 (v1.0.2) activity data. Please note that although both EMFAC2014 and EMFAC2017 versions of the Web Database are available now, EMFAC2014 is still the currently USEPA approved version of EMFAC.

If you have any questions, please contact us at emfac@arb.ca.gov, which is an e-mail account dedicated to the EMFAC model.

Sincerely,

The EMFAC Team