

February 17, 2023

Elizabeth Adams
Director, Air and Radiation Division
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105
Adams.Elizabeth@epa.gov

Dear Ms. Adams:

With this letter, the California Air Resources Board (CARB) is providing to the U.S. Environmental Protection Agency (U.S. EPA) the attached Emission FACTor (EMFAC) off-model adjustment factors that account for the emission benefits of California's Heavy-Duty Vehicle Inspection and Maintenance (HD I/M) Program. CARB is seeking U.S. EPA's approval for use of these off-model adjustment factors by metropolitan planning organizations and regional planning agencies in their regional conformity determinations.

HD I/M was approved by CARB's Board in December 2021, and the California Office of Administrative Law (OAL) approved the program with an effective date of January 1, 2023. The emissions benefits of HD I/M for oxides of nitrogen (NO_x) and particulate matter (PM) are not included in the EMFAC2021 model because the HD I/M Program was approved after release of EMFAC2021. The attached document provides off-model adjustment factors that can be applied to the emissions outputs of EMFAC. Staff developed separate factors for EMFAC2017 and EMFAC2021.

If you have any questions or need further information, please contact Dr. David Quiros, Chief, Mobile Source Analysis Branch, by email at David.Quiros@arb.ca.gov or by phone at (916) 264-9378.

Sincerely,



Michael Benjamin, D. Env, Division Chief, Air Quality Planning and Science Division

Enclosures

cc: See next page

Ms. Elizabeth Adams
February 17, 2023
Page 2

cc: (via email)

David Quiros, Branch Chief, Mobile Source Analysis Branch

David.Quiros@arb.ca.gov