

August 31, 2021

Ms. Deborah Jordan  
Acting Regional Administrator  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street  
San Francisco, California 94105  
[jordan.deborah@epa.gov](mailto:jordan.deborah@epa.gov)

Dear Ms. Jordan:

With this letter, the California Air Resources Board (CARB) is providing to the U.S. Environmental Protection Agency (U.S. EPA) the attached EMFAC2017 Off-Model Adjustment Factors that account for the benefits of several recently adopted on-road heavy-duty vehicle and engine regulations. We are requesting that U.S. EPA expeditiously approve these factors for use by metropolitan planning organizations and regional transportation planning agencies in determining conformity of transportation projects, programs, and plans with applicable implementation plans.

Since 2018, CARB has adopted several on-road vehicle regulations that significantly reduce criteria and greenhouse gas (GHG) emissions from on-road heavy duty vehicles. These regulations include Heavy-Duty Warranty Phase 1, Innovative Clean Transit (ICT), Amendments to the Heavy-Duty Vehicle Inspection Program (HDVIP), Periodic Smoke Inspection Program (PSIP), Advanced Clean Trucks (ACT), and Heavy-Duty (HD) Omnibus. The benefits of these regulations are not reflected in the EMFAC2017 model since the model was released before these programs were adopted. The attached document provides a set of off-model adjustment factors that can be used to adjust the emissions output of the EMFAC2017 model to account for the benefits of these regulations.

If you have any questions or need further information, please contact Dr. Sam Pournazeri, Branch Chief, Mobile Source Analysis Branch at [sam.pournazeri@arb.ca.gov](mailto:sam.pournazeri@arb.ca.gov) or (916) 600-6188.

Sincerely,



Richard W. Corey, Executive Officer

Enclosure

cc: See next page.

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