

accompanying enforcement procedures are consistent with section 209 of the Act.

IV. Procedures for Public Participation

EPA will begin pre-registering speakers for the hearing upon publication of this document in the **Federal Register**. To register to speak at the virtual hearing, please visit: https://usepa.zoomgov.com/webinar/register/WN_ByheDTzYSPuoGbv8J7yNwg. The last day to pre-register to speak at the hearing will be June 21, 2022. If you require the services of a translator or special accommodations such as audio description, please pre-register for the hearing and describe your needs by June 14, 2022. EPA may not be able to arrange accommodations without advance notice.

Each commenter will have 5 minutes to provide oral testimony. EPA may ask clarifying questions during the oral presentations but will not respond to the presentations at that time. EPA recommends submitting the text of your oral comments as written comments to the rulemaking docket. Written statements and supporting information submitted during the comment period will be considered with the same weight as oral comments and supporting information presented at the public hearing.

The Agency will make a verbatim record of the proceedings at the hearing and will be placed in the docket. EPA will keep the record open until August 2, 2022. Upon expiration of the comment period, the Administrator will render a decision on CARB's request based on the record of the public hearing, relevant written submissions, and other information that she deems pertinent.

Persons with written comments containing proprietary information must distinguish such information from other comments to the greatest possible extent and label it as "Confidential Business Information" (CBI). If a person making comments wants EPA to base its decision in part on a submission labeled CBI, then a non-confidential version of the document that summarizes the key data or information should be submitted for the public docket. To ensure that proprietary information is not inadvertently placed in the docket, submissions containing such information should be sent directly to the contact person listed above and not to the public docket. Information covered by a claim of confidentiality will be disclosed by EPA only to the extent allowed and by the procedures set forth in 40 CFR part 2. If no claim of confidentiality accompanies the

submission when EPA receives it, EPA will make it available to the public without further notice to the person making comments.

Sarah Dunham,

Director, Office of Transportation and Air Quality, Office of Air and Radiation.

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ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OAR-2022-0331; FRL 9883-01-OAR]

California State Motor Vehicle Pollution Control Standards; Advanced Clean Trucks; Zero Emission Airport Shuttle; Zero-Emission Power Train Certification; Request for Waiver of Preemption; Opportunity for Public Hearing and Public Comment

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of opportunity for public hearing and comment.

SUMMARY: The California Air Resources Board (CARB) has notified the Environmental Protection Agency (EPA) that it has finalized three rulemaking actions—the Advanced Clean Trucks (ACT), Zero Emission Airport Shuttle Bus (ZEAS), and Zero Emission Powertrain (ZEP) Certification regulations. The regulations require manufacturers to produce and sell increasing numbers of zero-emission medium and heavy-duty vehicles, require certain fleets to acquire increasing numbers of zero emitting airport shuttles, and establish new certification requirements and optional emission standards for 2021 and subsequent model year zero-emission medium- and heavy-duty vehicles and the zero-emission powertrains installed on them. By letter dated December 20, 2021, CARB submitted a request that EPA grant waivers of preemption under the Clean Air Act (CAA). This notice announces that EPA has scheduled a public hearing concerning California's request and that EPA is accepting written comment on the request.

DATES: Written comments must be received on or before August 2, 2022.

Public Hearing: EPA plans to hold a virtual public hearing on June 29, 2022. This one hearing will also cover the notices for California's Omnibus Low NO_x Regulation, Docket No. EPA-HQ-OAR-2022-0332, and 2018 HD Warranty Amendments, Docket No. EPA-HQ-OAR-2022-0330. Additional information regarding the virtual public

hearing and this action can be found at: https://usepa.zoomgov.com/webinar/register/WN_ByheDTzYSPuoGbv8J7yNwg.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA-HQ-OAR-2022-0331, by one of the following methods:

- **Federal eRulemaking Portal:** <http://www.regulations.gov> (our preferred method). Follow the on-line instructions for submitting comments.

- **Mail:** U.S. Environmental Protection Agency, EPA West (Air Docket), 1200 Pennsylvania Ave. NW, Room B108, Mail Code 6102T, Washington, DC 20460, Attention Docket ID No. EPA-HQ-OAR-2022-0331. Please include a total of two copies.

- **Hand Delivery:** EPA Docket Center, EPA/DC, EPA West, Room B102, 1301 Constitution Ave. NW, Washington, DC. Such deliveries are only accepted during the Docket's normal hours of operation, and special arrangements should be made for deliveries of boxed information. Instructions: Direct your comments to Docket ID No. EPA-HQ-OAR-2022-0331.

Instructions: All submissions received must include the Docket ID No. for this action. Comments received may be posted without change to <https://www.regulations.gov>, including any personal information provided. Do not submit information that you consider to be CBI or otherwise protected through <http://www.regulations.gov> or email. For the full EPA public comment policy, information about Confidential Business Information (CBI) or multimedia submissions, and general guidance on making effective comments, please visit <http://www.epa.gov/dockets/commenting-epa-dockets>.

The <http://www.regulations.gov> website is an "anonymous access" system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an email comment directly to EPA without going through <http://www.regulations.gov> your email address will be automatically captured and included as part of the comment that is placed in the public docket and made available on the internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD-ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification, EPA may not be able to consider your comment.

Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses. Docket: All documents in the docket are listed in the <http://www.regulations.gov> index. Although listed in the index, some information is not publicly available, e.g., CBI or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, will be publicly available only in hard copy.

EPA has established a docket for this action under EPA-HQ-OAR-2022-0331. Publicly available docket materials are available either electronically at <https://www.regulations.gov> or in hard copy at the Air and Radiation Docket in the EPA Docket Center, (EPA/DC) EPA West, Room B102, 1301 Constitution Ave. NW, Washington, DC. Due to public health concerns related to COVID-19, the EPA Docket Center and Reading Room are open to the public by appointment only, and walk-ins are not allowed. Visitors to the Reading Room must complete docket material requests in advance and then make an appointment to retrieve the material. Please contact the EPA Reading Room staff at (202) 566-1744 or via email at docket-customerservice@epa.gov to arrange material requests and appointments. Hand deliveries and couriers may be received by scheduled appointment only. For further information on EPA Docket Center services and status, please visit us online at <https://www.epa.gov/dockets>.

EPA's Office of Transportation and Air Quality also maintains a web page that contains general information on its review of California waiver and authorization requests. Included on that page are links to prior waiver and authorization **Federal Register** notices. The page can be accessed at <https://www.epa.gov/state-and-localtransportation/vehicle-emissionscalifornia-waivers-and-authorizations>. Please note that due to differences between the software used to develop the documents and the software into which the documents may be downloaded, changes in format, page length, etc., may occur.

Public Hearing. The virtual public hearing will be held on June 29, 2022. The hearing will begin at 9:00 a.m. Eastern Time (ET) and end when all parties who wish to speak have had an opportunity to do so. As noted above, this hearing will also cover the notices for California's Omnibus Low NO_x Regulation, Docket No. EPA-HQ-OAR-2022-0332, and the 2018 HD Warranty Amendments, Docket No. EPA-HQ-

OAR-2022-0330. All hearing attendees (including those who do not intend to provide testimony and merely listen) should register at: https://usepa.zoomgov.com/webinar/register/WN_ByheDTzYSPuoGbv8J7yNwg by June 21, 2022. Please refer to *Instructions* in the **ADDRESSES** section and *Procedures for Public Participation* in the **SUPPLEMENTARY INFORMATION** section for additional information on the public hearing and public comment process.

FOR FURTHER INFORMATION CONTACT:

David Dickinson, Transportation and Climate Division (6405J), U.S. Environmental Protection Agency, 1200 Pennsylvania Ave. NW, Washington, DC 20460, Email: Dickinson.David@epa.gov or Kayla Steinberg, Office of Transportation and Air Quality, U.S. Environmental Protection Agency, 1200 Pennsylvania Ave. NW, Washington, DC 20460, Email: Steinberg.Kayla@epa.gov.

SUPPLEMENTARY INFORMATION:

I. CARB's New Waiver Requests

CARB's December 20, 2021, letter to the Administrator notified EPA that CARB had finalized Advanced Clean Trucks (ACT), Zero Emission Airport Shuttle Bus (ZEAS), and Zero Emission Powertrain (ZEP) Certification regulations. The ACT regulation, adopted by the Board on January 26, 2021, requires that manufacturers produce and sell increasing quantities of medium- and heavy-duty zero-emission vehicles (ZEVs) and near zero emission vehicles (NZEVs) in California. These quantities are based on increasingly higher percentages of manufacturers' annual sales of on-road heavy-duty vehicles, beginning in the 2024 model year.¹ The ZEAS regulation, adopted by the Board on June 27, 2019, establishes steadily increasing zero-emission airport shuttle fleet composition requirements for airport shuttle fleet owners who service the thirteen largest California airports.² The ZEP Certification regulation, adopted by the Board on June 27, 2019, establishes certification requirements and optional emission standards for 2021 and subsequent model year medium- and heavy-duty ZEVs and the zero-emission powertrains installed in such vehicles.³ CARB requests that EPA grant a new waiver for

each of these regulations. CARB's request and waiver analysis includes "a description of California's rulemaking actions, a review of the criteria governing EPA's evaluation of California's request for waiver action, [CARB's] analysis and rationale supporting [its] request, and supporting documents."⁴ CARB's waiver analysis, set forth in its Waiver Request Support Document, addresses how each of its three regulations contained in the waiver request meet each of the three waiver criteria in section 209(b)(1) of the CAA.⁵ For example, CARB explains how its regulations will not cause California motor vehicle emission standards, in the aggregate, to be less protective of public health and welfare than applicable federal standards and that no basis exists for the Administrator of EPA to find that CARB's determination is arbitrary and capricious under section 209(b)(1)(A) of the CAA.⁶ CARB also explains how it continues to demonstrate California's need for a separate motor vehicle emission program, including the three regulations contained in its waiver request, under section 209(b)(1)(B) of the CAA.⁷ Finally, CARB explains how the three regulations in its waiver request meet the requirement in section 209(b)(1)(C), which requires California's regulations to be consistent with section 202(a) of the CAA.⁸

II. Scope of Preemption and Criteria for a Waiver Under the Clean Air Act

Section 209(a) of the Clean Air Act, as amended ("Act"), 42 U.S.C. 7543(a), provides:

No State or any political subdivision thereof shall adopt or attempt to enforce any standard relating to the control of emissions from new motor vehicles or new motor vehicle engines subject to this part. No state shall require certification, inspection or any other approval relating to the control of emissions from any new motor vehicle or new motor vehicle engine as condition precedent to the initial retail sale, titling (if any), or registration of such motor vehicle, motor vehicle engine, or equipment.

Section 209(b) of the Act requires the Administrator, after notice and

¹ The ACT regulation is set forth in title 13, California Code of Regulations (Cal. Code Regs.), sections 1963, and 1963.1 through 1963.5.

² The ZEAS regulation is comprised of new sections 95690.1, 95690.2, 95690.3, 95690.4, 95690.5, 95690.6, 95690.7, and 95690.8, title 17, Cal. Code Regs.

³ The ZEP Certification regulation is comprised of amendments to title 13, Cal. Code Regs., section 1956.8 and title 17, Cal. Code Regs., section 95663.

⁴ Letter from Richard W. Corey, CARB, dated December 20, 2021, at p. 5, available at Docket No. EPA-HQ-OAR-2022-0331. The Waiver Request Support Document, attached to the letter from Mr. Corey, is available at Docket No. EPA-HQ-OAR-2022-0331.

⁵ The Waiver Request Support Document provides a summary of the adopted regulation, a brief history of similar regulations, and an analysis of the adopted regulation under the waiver criteria in section 209(b)(1) of the CAA.

⁶ Waiver Request Support Document at 19–21.

⁷ Waiver Request Support Document at 21–30.

⁸ Waiver Request Support Document at 30–39.

opportunity for public hearing, to waive application of the prohibitions of section 209(a) for any state that has adopted standards (other than crankcase emission standards) for the control of emissions from new motor vehicles or new motor vehicle engines prior to March 30, 1966, if the state determines that the state standards will be, in the aggregate, at least as protective of public health and welfare as applicable Federal standards. California is the only state that is qualified to seek and receive a waiver under section 209(b).⁹ Section 209(b)(1) requires the Administrator to grant a waiver unless he finds that (A) the determination of the state is arbitrary and capricious, (B) the state does not need the state standards to meet compelling and extraordinary conditions, or (C) the state standards and accompanying enforcement procedures are not consistent with section 202(a) of the Act. Previous decisions granting waivers of Federal preemption for motor vehicles have stated that State standards are inconsistent with section 202(a) if there is inadequate lead time to permit the development of the necessary technology giving appropriate consideration to the cost of compliance within that time period or if the Federal and State test procedures impose inconsistent certification procedures.¹⁰

III. Request for Comment

When EPA receives new waiver requests from CARB, EPA traditionally publishes a notice of opportunity for public hearing and comment and then, after the comment period has closed, publishes a notice of its decision in the **Federal Register**. EPA invites comment on the following three criteria: whether (a) California's determination that its motor vehicle emission standards are, in the aggregate, at least as protective of public health and welfare as applicable Federal standards is arbitrary and capricious, (b) California needs such standards to meet compelling and extraordinary conditions, and (c) California's standards and accompanying enforcement procedures

are consistent with section 202(a) of the Clean Air Act.

With regard to section 209(b)(1)(B), EPA must grant a waiver request unless the Agency finds that California "does not need such State standards to meet compelling and extraordinary conditions." EPA has interpreted the phrase "need[s] such State standards to meet compelling and extraordinary conditions" to mean that California needs a separate motor vehicle program as a whole in order to address environmental problems caused by conditions specific to California and/or effects unique to California (the "traditional" interpretation).¹¹ EPA intends to use this traditional interpretation in evaluating California's need for the Advanced Clean Trucks, Zero Emission Airport Shuttle Bus, and Zero Emission Powertrain Certification regulations. EPA seeks comment on whether California needs the Advanced Clean Trucks, Zero Emission Airport Shuttle Bus, and Zero Emission Powertrain Certification regulations under section 209(b)(1)(B).

With regard to section 209(b)(1)(C), EPA must grant a waiver request unless the Agency finds that California's standards are not consistent with section 202(a). EPA has previously stated that consistency with section 202(a) requires that California's standards must be technologically feasible within the lead time provided, giving due consideration to costs, and that California and applicable Federal test procedures be consistent.¹² Included in, but not limited to, EPA's request for comment is what provisions in section 202(a) of the CAA are

applicable to California due to the reference of section 202(a) in section 209(b)(1)(C).¹³ EPA invites comment on how such provisions, to the extent they may be applicable to California, should be evaluated in the context of EPA's evaluation of CARB's waiver request under the criteria in section 209(b)(1)(C) of the CAA.

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Persons with written comments containing proprietary information must distinguish such information from other comments to the greatest possible extent

¹¹ See, e.g., 81 FR 78149, 78153 (November 7, 2016); 81 FR 95982 95985–86 (December 29, 2016). EPA recently found and confirmed, in the Agency's reconsideration of a previous withdrawal of a waiver of preemption for CARB's Advanced Clean Car program, that the traditional interpretation of section 209(b)(1)(B) was appropriate and continues to be a better interpretation. 87 FR 14332, 14367 (March 14, 2022). CARB's December 21, 2021, waiver request addresses both the traditional and an alternative interpretation wherein the need for the specific standards in the waiver request would be evaluated.

¹² See, e.g., 81 FR 78149, 78153–54 ("EPA has previously stated that the determination is limited to whether those opposed to the waiver have met their burden of establishing that California's standards are technologically infeasible, or that California's test procedures impose requirements inconsistent with the federal test procedure. Infeasibility would be shown here by demonstrating that there is inadequate lead time to permit the development of technology necessary to meet the 2013 HD OBD New or Stricter Requirements that are subject to the waiver request, giving appropriate consideration to the cost of compliance within that time." (Citing 38 FR 30136 (November 1, 1973) and 40 FR 30311 (July 18, 1975)); 81 FR 95982, 95986 (December 29, 2016); 70 FR 50322 (August 26, 2005).

⁹ "The language of the statute and its legislative history indicate that California's regulations, and California's determination that they comply with the statute, when presented to the Administrator are presumed to satisfy the waiver requirements and that the burden of proving otherwise is on whoever attacks them." *Motor and Equipment Mfrs. Ass'n v. EPA*, 627 F.2d 1095, 1121 (D.C. Cir. 1979).

¹⁰ To be consistent, the California certification procedures need not be identical to the Federal certification procedures. California procedures would be inconsistent, however, if manufacturers would be unable to meet the state and the Federal requirements with the same test vehicle in the course of the same test. See, e.g., 43 FR 32182 (July 25, 1978).

¹³ For example, section 202(a)(3)(C) of the CAA provides: "(C) Lead time and stability.—Any standard promulgated or revised under this paragraph and applicable to classes or categories of heavy-duty vehicles or engines shall apply for a period of no less than 3 model years beginning no earlier than the model year commencing 4 years after such revised standard is promulgated." See also 59 FR 48625 (September 22, 1994) and associated Decision Document at EPA–HQ–OAR–2022–0331; EPA's Notice of denial—Petition for Reconsideration of Waiver of Federal Preemption for California to Enforce Its NO_x Emission Standards and Test Procedures, 46 FR 22032 (April 15, 1981).

and label it as “Confidential Business Information” (CBI). If a person making comments wants EPA to base its decision in part on a submission labeled CBI, then a non-confidential version of the document that summarizes the key data or information should be submitted for the public docket. To ensure that proprietary information is not inadvertently placed in the docket, submissions containing such information should be sent directly to the contact person listed above and not to the public docket. Information covered by a claim of confidentiality will be disclosed by EPA only to the extent allowed and by the procedures set forth in 40 CFR part 2. If no claim of confidentiality accompanies the submission when EPA receives it, EPA will make it available to the public without further notice to the person making comments.

Sarah Dunham,

Director, Office of Transportation and Air Quality, Office of Air and Radiation.

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ENVIRONMENTAL PROTECTION AGENCY

[FRL 9921-01-OA]

Request for Nominations for a Science Advisory Board Panel on BenMAP and Benefits Methods

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: The Environmental Protection Agency (EPA) Science Advisory Board (SAB) Staff Office is expanding its request for nominations previously announced on April 5, 2022. The EPA SAB Staff Office previously requested nominations of scientific experts to form a panel to review EPA’s new cloud-based Environmental Benefits and Mapping (BenMAP) tool, an open-source computer program that calculates estimated air pollution-related deaths and illnesses and their associated economic values. In that notice, the SAB Staff Office indicated its intention to announce a separate panel that would address the approach EPA takes for selecting and applying evidence in its PM_{2.5} and Ozone (O₃) benefits assessments. Because the two panels would require substantially similar expertise, the SAB Staff Office has now determined that it is appropriate to combine them into a single panel with a more comprehensive charge. The Science Advisory Board Staff Office is

soliciting additional candidates to complement those nominated for the review of BenMAP.

DATES: Nominations should be submitted by June 27, 2022 per the instructions below.

FOR FURTHER INFORMATION CONTACT: Any member of the public wishing further information regarding this Notice and request for nominations may contact Dr. Bryan Bloomer, Designated Federal Officer (DFO), EPA Science Advisory Board via telephone/voice mail (202) 564-4222, or email at bloomer.bryan@epa.gov. General information concerning the EPA SAB can be found at <https://sab.epa.gov>. For information concerning EPA’s technical support document, please contact Mr. Neal Fann via telephone/voice mail at (919) 541-0209 or email at fann.neal@epa.gov.

SUPPLEMENTARY INFORMATION:

Background: The SAB (42 U.S.C. 4365) is a chartered Federal Advisory Committee that provides independent scientific and technical peer review, advice, and recommendations to the EPA Administrator on the technical basis for EPA actions. As a Federal Advisory Committee, the SAB conducts business in accordance with the Federal Advisory Committee Act (FACA) (5 U.S.C. App. 2) and related regulations. The SAB Staff Office is forming an expert panel, the SAB BenMAP and Benefits Methods Panel, under the auspices of the Chartered SAB. The BenMAP and Benefits Methods Panel will provide advice through the chartered SAB. The SAB will comply with the provisions of FACA and all appropriate SAB Staff Office procedural policies.

The SAB BenMAP and Benefits Methods Panel will conduct the review of EPA’s BenMAP tool as described previously in 87 FR 19680–19681. BenMAP is an open-source computer program that calculates the number and economic value of air pollution-related deaths and illnesses. In addition, the SAB BenMAP and Benefits Methods Panel will review EPA’s technical support document *Estimating PM_{2.5}- and Ozone-Attributable Health Benefits* as requested by the EPA’s Office of Air and Radiation. Collectively, the SAB BenMAP and Benefits Methods Panel will review both EPA’s approach for selecting and applying the evidence used to quantify and monetize air pollution-related effects and how the BenMAP tool performs these calculations. With today’s notice, the SAB Staff Office is expanding its solicitation of April 5, 2022 (87 FR 19680–19681) so that a broader panel, the BenMAP and Benefits Methods

Panel, can also review EPA’s selection of human health endpoints, risk estimates and monetized values in an air pollution benefits assessment, as well as the agency’s characterization of uncertainty inherent in EPA benefits assessments. These additional topics will be in combination with the panel’s review of the BenMAP tool.

Request for Nominations: The SAB Staff Office is seeking nominations of nationally and internationally recognized scientists with demonstrated expertise in the following disciplines: air pollution epidemiology; biostatistics; risk assessment; demographics; public health data science; uncertainty analysis; and environmental economics, particularly, the valuation of benefits from pollution reductions. The SAB Staff Office is seeking nominees from the listed disciplines above, with expertise that emphasizes the health effects of air pollution and the development of economic values for reductions in air pollution.

Process and Deadline for Submitting Nominations: Any interested person or organization may nominate qualified individuals in the areas of expertise described above for possible service on the SAB panel. Individuals may self-nominate. Nominations should be submitted in electronic format (preferred) using the online nomination form on the SAB website at <https://sab.epa.gov> (see the “Public Input on Membership” list under “Committees, Panels, and Membership” following the instructions for “Nominating Experts to Advisory Panels and Ad Hoc Committees Being Formed,” provided on the SAB website (see the “Nomination of Experts” link under “Current Activities” at <https://sab.epa.gov>). To be considered, nominations should include the information requested below. EPA values and welcomes diversity. All qualified candidates are encouraged to apply regardless of sex, race, disability, or ethnicity. Nominations should be submitted in time to arrive no later than June 27, 2022.

The following information should be provided on the nomination form: contact information for the person making the nomination; contact information for the nominee; and the disciplinary and specific areas of expertise of the nominee. Nominees will be contacted by the SAB Staff Office and will be asked to provide a recent curriculum vitae and a narrative biographical summary that include the following: current position, educational background; research activities; sources of research funding for the last two years; and recent service on other