

# California Air Resources Board

## Notice of Public Meeting to Consider the San Joaquin Valley 2024 State Implementation Plan for the 2012 12 µg/m<sup>3</sup> Annual PM<sub>2.5</sub> Standard, to Consider Amendments to the Agricultural Equipment Incentive Measure and the 1997 15 µg/m<sup>3</sup> State Implementation Plan Revision, and to Hear an Implementation Update on the 2018 PM<sub>2.5</sub> Plan

The California Air Resources Board (CARB or Board) will conduct a public meeting at the date and time noted below to consider adoption of the San Joaquin Valley 2024 State Implementation Plan (SIP) for the 2012 12 microgram per cubic meter (µg/m<sup>3</sup>) annual fine particulate matter (PM<sub>2.5</sub>) standard (2024 PM<sub>2.5</sub> Plan) and to consider amendments to the *San Joaquin Valley Agricultural Equipment Incentive Measure* (Valley Incentive Measure) and the *State Implementation Plan Revision for the 15 µg/m<sup>3</sup> PM<sub>2.5</sub> Standard* (15 µg/m<sup>3</sup> SIP Revision). If adopted, CARB will submit the 2024 PM<sub>2.5</sub> Plan along with the CARB Staff Report and amendments to the Valley Incentive Measure and 15 µg/m<sup>3</sup> SIP Revision contained in the CARB Staff Report to the U.S. Environmental Protection Agency (U.S. EPA) for inclusion in the California SIP. The Board will also hear an update on the implementation of the *San Joaquin Valley 2018 Plan for the 1997, 2006, and 2012 PM<sub>2.5</sub> Standards* (2018 PM<sub>2.5</sub> Plan).

Date: July 25, 2024

Time: 10:00 A.M.

In-Person Location:

California Air Resources Board  
Byron Sher Auditorium  
1001 I Street, Sacramento, California 95814

Remote Option:

Zoom

This public meeting may continue at 9:00 a.m., on July 26, 2024. Please consult the public agenda, which will be posted ten days before the July 25, 2024, Board Meeting, for important details, including the day on which this item will be considered and how the public can participate via Zoom if they choose to be remote.

### Background

The Clean Air Act establishes planning requirements for areas that exceed the health-based national ambient air quality standards (standards). States with areas that exceed the standards

must develop and implement a SIP that demonstrates attainment of the standard by a specified date and meets other requirements of the Clean Air Act.

In 2012, the U.S. EPA strengthened the annual PM<sub>2.5</sub> standard from 15 µg/m<sup>3</sup> to a more health-protective level of 12 µg/m<sup>3</sup>. Effective December 2021, the U.S. EPA classified the San Joaquin Valley Air Basin as Serious nonattainment for the 12 µg/m<sup>3</sup> annual PM<sub>2.5</sub> standard. The San Joaquin Valley Air Pollution Control District (District) and CARB developed the 2024 PM<sub>2.5</sub> Plan following the Clean Air Act and applicable guidance. The District Governing Board will consider adopting the 2024 PM<sub>2.5</sub> Plan on June 20, 2024.

The 2024 PM<sub>2.5</sub> Plan includes a CARB commitment to achieve emissions reductions from the measures in the *2022 State Strategy for the State Implementation Plan*<sup>1</sup> adopted by CARB in September 2022 along with District measure commitments that together demonstrate attainment of the 12 µg/m<sup>3</sup> annual PM<sub>2.5</sub> standard in the San Joaquin Valley by 2030. The 2024 PM<sub>2.5</sub> Plan also addresses other requirements of the Clean Air Act for the 12 µg/m<sup>3</sup> PM<sub>2.5</sub> standard including emission inventories, attainment demonstration, reasonable further progress demonstrations, quantitative milestones, most stringent measures demonstration, and motor vehicle emissions budgets. Through separate submittals, the remaining required SIP elements applicable under the 12 µg/m<sup>3</sup> annual PM<sub>2.5</sub> standard have already been submitted including the precursor demonstration, best available control measure demonstration, base year emissions inventory, nonattainment New Source Review, and contingency measures.

On September 23, 2021, CARB adopted the 15 µg/m<sup>3</sup> SIP Revision. As part of the 15 µg/m<sup>3</sup> SIP Revision, CARB committed to achieve, by 2023, aggregate emission reductions of 3.0 tons per day (tpd) of NO<sub>x</sub> and 0.04 tpd of PM<sub>2.5</sub>. CARB projected that these emission reductions would come from CARB's Heavy-Duty Inspection and Maintenance (HD I/M) Program, which CARB had already separately committed to pursue in the *San Joaquin Valley Supplement to the 2016 State Strategy for the State Implementation Plan* and the 2018 PM<sub>2.5</sub> Plan. The actual emissions reductions achieved in 2023 from the implementation of HD I/M have not yet been quantified.

On December 14, 2023, U.S. EPA approved the 15 µg/m<sup>3</sup> SIP Revision along with CARB's aggregate commitment of 3.0 tpd of NO<sub>x</sub> and 0.04 tpd of PM<sub>2.5</sub> emission reductions. This U.S. EPA approval also recognized that the CARB Valley Incentive Measure, adopted by the Board on December 12, 2019, and approved by U.S. EPA on December 27, 2021, for Carl Moyer Memorial Air Quality Standards Attainment Program ("Carl Moyer") and Funding Agricultural Replacement Measures for Emission Reductions Program ("FARMER") agricultural equipment projects, provided extra emission reductions in the 2023 timeframe. As a result, these emission reductions are suitable to fulfill the aggregate commitment in the 15 µg/m<sup>3</sup> SIP Revision.

CARB staff will also provide an update on the implementation of the San Joaquin Valley 2018 PM<sub>2.5</sub> Plan. The update will also include the latest PM<sub>2.5</sub> air quality data along with a discussion of the newest annual PM<sub>2.5</sub> standard established by U.S. EPA in 2024.

As detailed in the CARB Staff Report, CARB staff reviewed the 2024 PM<sub>2.5</sub> Plan and has concluded that, along with the CARB emission reduction commitment contained in the CARB

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<sup>1</sup> CARB. <https://ww2.arb.ca.gov/resources/documents/2022-state-strategy-state-implementation-plan-2022-state-sip-strategy>

Staff Report, it meets the requirements of the Clean Air Act for the 12 µg/m<sup>3</sup> annual PM<sub>2.5</sub> standard.

## Proposed Action

CARB is now proposing a SIP amendment to the Valley Incentive Measure to include a quantification of emission reductions for 2023 from existing Carl Moyer and FARMER agricultural equipment projects, and a SIP amendment to the 15 µg/m<sup>3</sup> SIP Revision to allow the use of the Valley Incentive Measure as a substitute measure to provide emission reductions needed to meet the 2023 aggregate emission reduction commitment in the 15 µg/m<sup>3</sup> SIP Revision. The agricultural equipment projects completed by December 31, 2022, achieved emission reductions of 5.0 tpd of NO<sub>x</sub> and 0.27 tpd of PM<sub>2.5</sub>, well in excess of the 3.0 tpd of NO<sub>x</sub> and 0.04 tpd of PM<sub>2.5</sub> aggregate commitment. The amendment will include documentation that these reductions meet the SIP creditability requirements. The Valley Incentive Measure also has furthered CARB's environmental justice objectives by reducing emissions in historically disadvantaged communities.

Staff recommends the Board adopt the 2024 PM<sub>2.5</sub> Plan along with the CARB Staff Report and the amendments to the Valley Incentive Measure and to the 15 µg/m<sup>3</sup> SIP Revision contained in the CARB Staff Report and direct staff to submit them to the U.S. EPA as a revision to the California SIP. CARB staff will present a written report at the meeting. Copies of the report may be obtained from CARB's website at <https://ww2.arb.ca.gov/resources/documents/2024-san-joaquin-valley-pm2-5-plan>, on June 14, 2024. Please contact Chris Hopkins, Regulations Coordinator, at [chris.hopkins@arb.ca.gov](mailto:chris.hopkins@arb.ca.gov) or (279) 208-7347 if you need physical copies of the documents.

Interested members of the public may present comments orally or in writing during the meeting and may provide comments by postal mail or by electronic submittal before the meeting. To be considered by the Board, written comments not submitted during the meeting, must be received **no later than July 15, 2024**, and addressed to the following:

Postal mail: Clerks' Office, California Air Resources Board  
1001 I Street, Sacramento, California 95814

*Electronic submittal:* <http://ww2.arb.ca.gov/lispub/comm/bclist.php>

Please note that under the California Public Records Act (Government Code section 7920.000 et seq.), your written and oral comments, attachments, and associated contact information (e.g., your address, phone, email, etc.) become part of the public record and can be released to the public upon request.

Further inquiries regarding this matter should be directed to Laura Carr, Air Pollution Specialist, Central Valley Air Quality Planning Section, at (916) 282-6251 or (designated back-up contact) Ali Kindred, Manager, Central Valley Air Quality Planning Section, at (279) 208-7154.

## Special Accommodation Request

Consistent with California Government Code section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language; and
- A disability-related reasonable accommodation.

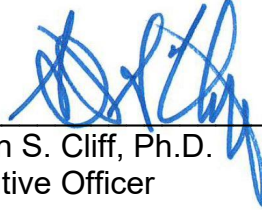
To request these special accommodations or language needs, please contact the Clerks' Office at [cotb@arb.ca.gov](mailto:cotb@arb.ca.gov) or (916) 322-5594 as soon as possible, but no later than ten business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia;
- Documentos disponibles en un formato alternativo u otro idioma; y
- Una acomodación razonable relacionados con una incapacidad.

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al [cotb@arb.ca.gov](mailto:cotb@arb.ca.gov) o (916) 322-5594 lo más pronto posible, pero no menos de 10 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

California Air Resources Board



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Steven S. Cliff, Ph.D.  
Executive Officer

Date: June 14, 2024

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see [CARB's website](http://www2.arb.ca.gov) ([www2.arb.ca.gov](http://www2.arb.ca.gov)).*