

## SJV PM2.5 SIP Measure Tracking, May 2021

This table is provided by the California Air Resources Board (CARB) as an informal resource to facilitate tracking of progress on measures committed to by CARB in the 2018 Plan for the 1997, 2006, and 2012 PM2.5 Standards (2018 PM2.5 Plan or SIP) for the San Joaquin Valley. In addition, it lists other potential measures not in the SIP that are being considered by CARB.

Status	Measure (linked to program webpage)	CARB Division Responsible	Primary Contact	Recent or Upcoming Activities	Board Date
Adopted	<a href="#">Low-NOx Engine Standard - California Action (adopted as Heavy-Duty Low NOx Omnibus)</a>	Mobile Source Control Division	Paul Adnani <a href="mailto:paul.adnani@arb.ca.gov">paul.adnani@arb.ca.gov</a>	N/A	Adopted August 2020
Adopted	<a href="#">Advanced Clean Local Trucks, Last Mile Delivery (adopted as Advanced Clean Trucks)</a>	Mobile Source Control Division	Paul Arneja <a href="mailto:paul.arneja@arb.ca.gov">paul.arneja@arb.ca.gov</a>	N/A	Adopted June 2020
Adopted	<a href="#">Zero-Emission Airport Shuttle Buses</a>	Mobile Source Control Division	Anthony Poggi <a href="mailto:anthony.poggi@arb.ca.gov">anthony.poggi@arb.ca.gov</a>	N/A	Adopted June 2019
Adopted	<a href="#">Innovative Clean Transit</a>	Mobile Source Control Division	Shirin Barfjani <a href="mailto:shirin.barfjani@arb.ca.gov">shirin.barfjani@arb.ca.gov</a>	N/A	Adopted December 2018
Adopted	<a href="#">Amended Warranty Requirements for Heavy-Duty Vehicles</a>	Mobile Source Control Division	Jeff Lowry <a href="mailto:jeffrey.lowry@arb.ca.gov">jeffrey.lowry@arb.ca.gov</a>	N/A	Adopted June 2018
Adopted	<a href="#">Lower Opacity Limits for Heavy-Duty Vehicles</a>	Mobile Source Control Division	Troy Weber <a href="mailto:troy.weber@arb.ca.gov">troy.weber@arb.ca.gov</a>	N/A	Adopted May 2018
Adopted	<a href="#">Accelerated Turnover of Agricultural Equipment Incentive Measure</a>	Air Quality Planning and Science Division	Austin Hicks <a href="mailto:austin.hicks@arb.ca.gov">austin.hicks@arb.ca.gov</a>	N/A	Adopted December 2019
Upcoming	<a href="#">Heavy-Duty Vehicle Inspection &amp; Maintenance Program</a>	Mobile Source Control Division	Krista Fregoso <a href="mailto:krista.fregoso@arb.ca.gov">krista.fregoso@arb.ca.gov</a>	<a href="#">May 27, 2021: Evening public workshop</a>	Anticipated December 2021

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Upcoming	<a href="#">Transport Refrigeration Unit Regulation</a>	Transportation and Toxics Division	<a href="mailto:arber@arb.ca.gov">arber@arb.ca.gov</a>	<a href="#">January 22, 2021: Informational document</a>	Anticipated 2021
Upcoming	<a href="#">Small Off-Road Engines</a>	Monitoring and Laboratory Division	<a href="mailto:sore@arb.ca.gov">sore@arb.ca.gov</a>	<a href="#">March 24, 2021: Workshop</a>	Anticipated 2021
Upcoming	<a href="#">Low-Emission Diesel Fuel Requirement</a>	Industrial Strategies Division	Alexander Mitchell <a href="mailto:alexander.mitchell@arb.ca.gov">alexander.mitchell@arb.ca.gov</a>	None	Anticipated 2021
Upcoming	Accelerated Turnover of Trucks and Buses Incentive Measure	Air Quality Planning and Science Division	Austin Hicks <a href="mailto:austin.hicks@arb.ca.gov">austin.hicks@arb.ca.gov</a>	None	Anticipated December 2021
Upcoming	<a href="#">Accelerated Turnover of Agricultural Equipment (Second Incentive Measure)</a>	Air Quality Planning and Science Division	Austin Hicks <a href="mailto:austin.hicks@arb.ca.gov">austin.hicks@arb.ca.gov</a>	None	Anticipated 2024
Upcoming	Accelerated Turnover of Off-Road Equipment Incentive Measure	Air Quality Planning and Science Division	Austin Hicks <a href="mailto:austin.hicks@arb.ca.gov">austin.hicks@arb.ca.gov</a>	None	Anticipated December 2021
Upcoming	<a href="#">Advanced Clean Cars 2 (Reduced Zero-Emission Vehicle Brake and Tire Wear)</a>	Emissions Certification and Compliance Division	<a href="mailto:cleancars@arb.ca.gov">cleancars@arb.ca.gov</a>	<a href="#">May 6, 2021: Workshop</a>	
Upcoming	<a href="#">Zero-Emission Off-Road Forklift Regulation Phase 1</a>	Mobile Source Control Division	<a href="mailto:zeforklifts@arb.ca.gov">zeforklifts@arb.ca.gov</a>	<a href="#">October 7, 2020: Workshop</a>	
Upcoming	<a href="#">Zero-Emission Airport Ground Support Equipment</a>	Mobile Source Control Division	<a href="mailto:zegse@arb.ca.gov">zegse@arb.ca.gov</a>	None	
Upcoming	Cleaner In-Use Agricultural Equipment	Mobile Source Control Division	Erin Uchida <a href="mailto:erin.uchida@arb.ca.gov">erin.uchida@arb.ca.gov</a>	None	
Additional Measure	<a href="#">Locomotive Measure</a>	Transportation and Toxics Division	<a href="mailto:freight@arb.ca.gov">freight@arb.ca.gov</a>	<a href="#">March 30, 2021: Evening</a>	Action early 2022

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Additional Measure	<a href="#">First Phase Heavy-Duty Vehicle Inspection &amp; Maintenance: San Joaquin Valley</a>	Enforcement Division	Hang Liu <a href="mailto:hang.liu@arb.ca.gov">hang.liu@arb.ca.gov</a>	<i>May 27, 2021: Evening public workshop</i>	Action 2023
Additional Measure	<a href="#">Cargo Handling Equipment Regulation</a>	Transportation and Toxics Division	<a href="mailto:cargohandling@arb.ca.gov">cargohandling@arb.ca.gov</a>	None	Action 2023/2024
Additional Measure	<a href="#">Construction and Mining Equipment Measure</a>	Mobile Source Control Division	<a href="mailto:doors@arb.ca.gov">doors@arb.ca.gov</a>	<i>May 6, 2021: Public workshop</i>	Action 2024
Additional Measure	<a href="#">Co-Benefits from Climate Program</a>	Air Quality Planning and Science Division	Laura Carr <a href="mailto:laura.carr@arb.ca.gov">laura.carr@arb.ca.gov</a>	None	Action 2020-2024