

## Checklist for Motor Vehicle Emissions Budget Consultation

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**Date of consultation:** 10/26/2021

**Name of nonattainment or maintenance area and classification, if applicable (e.g., moderate, serious, etc):**

South Coast Air Basin 2006 24-hour PM2.5 Standard – Nonattainment (serious)

**Date of designation and date of most recent reclassification, if applicable:**

2006 24-hour PM2.5 Standard

- Designation Date: January 2016

**Attainment year:**

2006 24-hour PM2.5 Standard

- December 31, 2019

**Maintenance years:**

2023, 2031, 2035

**Type of SIP (e.g., attainment plan or maintenance plan):**

Maintenance Plan

**Type of pollutant(s):**

PM2.5, ROG, NOx

**Model used (e.g., EMFAC 2014):**

CEPAM2022 v1.00

**Regional transportation plan that provided input for the emissions model:**

SCAG Connect SoCal - The 2020-2045 Regional Transportation Plan/ Sustainable Communities Strategy

[https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocial-plan\\_0.pdf?1606001176](https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocial-plan_0.pdf?1606001176)

**Draft SIP, expected to be available by October 5, 2021, can be viewed at**

<http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/draft-final-pm2-5-redesignation-request-and-maintenance-plan.pdf?sfvrsn=8>

**Comments requested by**

10/25/2021

**Send questions, concerns, and comments to Nesamani Kalandiyur at (916) 324-0466,**

[nesamani.kalandiyur@arb.ca.gov](mailto:nesamani.kalandiyur@arb.ca.gov), or Kevin Hendrawan at

[kevin.hendrawan@arb.ca.gov](mailto:kevin.hendrawan@arb.ca.gov)

Notes:

The PM<sub>2.5</sub> motor vehicle emissions budget (MVEB) for the 24-hour average PM<sub>2.5</sub> National Ambient Air Quality Standards is shown in Table 1, and is calculated in CEPAM2022 v1.00 using annual average daily emissions for the years 2023, 2031, and 2035. The motor vehicle emission budgets, presented in the last row of Table 1, have been prepared by rounding values to the nearest whole number, as values from CEPAM2022 v1.00 may not add up due to rounding.

The MVEB in Table 1 was established in consultation with SCAG, SCAQMD, and U.S. EPA to satisfy the requirements established in 40 CFR Part 93, Section 118(e)(4)44F. The budgets apply as a “ceiling” or limit on transportation emissions in the South Coast region for the years they are defined and for all subsequent years until another year for which a different budget is defined (or until a SIP revision modifies the budget).

South Coast (Tons/Day)	2023			2031			2035		
	ROG	NOx	PM2.5	ROG	NOx	PM2.5	ROG	NOx	PM2.5
Vehicular Exhaust (Includes Tire, and Brake Wear)	55.71	93.44	9.64	40.76	78.21	9.56	36.44	76.56	9.64
Emission reductions from ACT/HD Omnibus regulations <sup>a</sup>	0.00	-0.03	0.00	-0.08	-6.36	-0.07	-0.17	-10.45	-0.14
SAFE Vehicle rule <sup>a</sup>	0.03	0.02	0.00	0.16	0.09	0.01	0.24	0.12	0.01
Re-Entrained Paved Road Dust (Total) <sup>b</sup>	N/A	N/A	8.71	N/A	N/A	8.98	N/A	N/A	9.16
Re-Entrained Unpaved Road Dust (City and County Roads) <sup>b</sup>	N/A	N/A	1.67	N/A	N/A	1.67	N/A	N/A	1.67
Road Construction Dust <sup>b</sup>	N/A	N/A	0.25	N/A	N/A	0.27	N/A	N/A	0.28
Total <sup>c</sup>	55.74	93.43	20.27	40.84	71.94	20.43	36.52	66.23	20.61
<b>Motor Vehicle Emission Budget<sup>d</sup></b>	56	94	21	41	72	21	37	67	21

<sup>a</sup> For detailed emission reduction estimation methodology for ACT and HD Omnibus regulations refer Chapter 3

<sup>b</sup> CARB Emission Inventory Chapter 7.9, "Miscellaneous Process Methodology, Entrained Road Travel, Paved Road Dust" (November 2016): [https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9\\_2016.pdf](https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2016.pdf)

<sup>c</sup> Values from CEPAM2022 v1.00 may not add up due to rounding.

<sup>d</sup> Motor Vehicle Emission Budgets are rounded up to the nearest ton.

Source: CEPAM2022 v1.00