

Technical Support Document:

Chapter 6

Final Round 3 Area Designations for the 2010 1-Hour SO₂ Primary National Ambient Air Quality Standard for California

Pursuant to section 107(d) of the Clean Air Act (CAA), the U.S. Environmental Protection Agency (the EPA, we, or us) must designate areas as either “nonattainment,” “attainment,” or “unclassifiable” for the 2010 1-hour sulfur dioxide (SO₂) primary national ambient air quality standard (NAAQS) (2010 SO₂ NAAQS). Our Notice of Availability (NOA)¹ and our Technical Support Document² for our intended designations for this round of designations which we are required to complete by December 31, 2017, provided background on the relevant CAA definitions and the history of the designations for this NAAQS. Chapter 1 of this TSD for the final designations explains the definitions we are applying in the final designations. The TSD for the intended Round 3 area designations also described California’s recommended designations, assessed the available relevant monitoring, modeling, and any other information, and provided our intended designations.

For California, there have been no changes in California’s recommended designations since we communicated our intended designations for areas in California. In addition, neither California nor any other party submitted additional relevant information since the publication of the NOA. This TSD does not repeat information contained in the TSD for our intended designations. For areas of California that are part of the Round 3 designations process, we are finalizing the designations described in our 120-day letters and the TSD for the intended Round 3 area designations. All the final designations are listed in Table 1 below.

For the areas in California that are part of the Round 3 designations process, Table 1 identifies the EPA’s final designations and the counties or portions of counties to which they apply. It also lists California’s current recommendations, which have not been modified since our 120-day letters were sent. The EPA’s final designations for these areas are based on an assessment and characterization of air quality through ambient air quality data, air dispersion modeling, other evidence and supporting information, or a combination of the above.

¹ EPA Responses to Certain State Designation Recommendations for the 2010 Sulfur Dioxide Primary National Ambient Air Quality Standard: Notification of Availability and Public Comment Period, September 5, 2017 (82 FR 41903)

² Intended Round 3 Area Designations for the 2010 1-Hour SO₂ Primary National Ambient Air Quality Standard Technical Support Document, August 2017. <https://www.epa.gov/sulfur-dioxide-designations/initial-technical-support-documents-area-designations-round-3>

Table 1. Summary of the EPA’s Final Designations and the Designation Recommendations by California

Area/ County	California’s Recommended Area Definition	California’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition¹	EPA’s Final Designation³
Great Basin Valleys Air Basin	Alpine County Inyo County Mono County	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Lake County Air Basin	Lake County	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Lake Tahoe Air Basin	El Dorado County (p) Placer County (p)	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Mojave Desert Air Basin	Kern County (p) Los Angeles County (p) Riverside County (p) San Bernardino County (p)	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Mountain Counties Air Basin	Amador County Calaveras County El Dorado County (p) Mariposa County Nevada County Placer County (p) Plumas County Sierra County Tuolumne County	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
North Central Air Basin	Monterey County	Attainment	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable

³ Refer to Chapter 1 of Technical Support Document: Final Round 3 Area Designations for the 2010 1-Hour SO₂ Primary National Ambient Air Quality Standard for definitions of the designation categories and the terminology change from Unclassifiable/Attainment to Attainment/Unclassifiable.

Area/ County	California's Recommended Area Definition	California's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition¹	EPA's Final Designation³
	San Benito County Santa Cruz County				
North Coast Air Basin	Del Norte County Humboldt County Mendocino County Sonoma County (p) Trinity County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
Northeast Plateau Air Basin	Lassen County Modoc County Siskiyou County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
Sacramen to Valley Air Basin	Butte County Colusa County Glenn County Placer County (p) Sacramento County Shasta County Solano County (p) Sutter County Tehama County Yolo County Yuba County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
Salton Sea Air Basin	Imperial County Riverside County (p)	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
San Diego Air Basin	San Diego County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
San Francisco Air Basin	Alameda County Contra Costa County Marin County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable

Area/ County	California's Recommended Area Definition	California's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition¹	EPA's Final Designation³
	Napa County San Francisco County San Mateo County Santa Clara County Solano County (p) Sonoma County (p)				
San Joaquin Valley Air Basin	Fresno County Kern County (p) Kings County Madera County Merced County San Joaquin County Stanislaus County Tulare County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
South Central Air Basin	San Luis Obispo County Santa Barbara County Ventura County	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
South Coast Air Basin	Los Angeles County (p) Orange County Riverside County (p) San Bernardino County (p)	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable

¹ Includes areas of Indian country in each county or area, unless otherwise specified. The EPA is not determining the boundaries of any area of Indian country in this table, including any area of Indian country located in the larger designation area. The inclusion of any Indian country in the designation area is not a determination that the state has regulatory authority under the Clean Air Act for such Indian country.