

Technical Support Document:

Chapter 4

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

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 Arizona’s recommended designations, assessed the available relevant monitoring, modeling, and any other information, and provided our intended designations.

For Arizona, there have been no changes in Arizona’s recommended designations since we communicated our intended designations for areas in Arizona. In addition, neither Arizona 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 Arizona 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 Arizona 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 Arizona’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 Arizona

Area/ County	Arizona’s Recommended Area Definition	Arizona’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition¹	EPA’s Final Designation³
Apache County (p)	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County excluding lands of the White Mountain Apache Tribe	Attainment/ Unclassifiable
Cochise County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Coconino County (p)	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County excluding lands of the Hopi Tribe and lands of the Navajo Nation	Attainment/ Unclassifiable
Coconino County (p)	n/a	n/a	Unclassifiable	The portions of Coconino County located within the Navajo Nation areas of Indian country within a 50-km radius of the Navajo Generating Station	Unclassifiable
Gila County (p)	Whole County excluding areas of Indian country and Miami and Hayden Nonattainment Areas	Unclassifiable	Unclassifiable/ Attainment	Whole County excluding lands of the White Mountain Apache Tribe and Miami and Hayden	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	Arizona's Recommended Area Definition	Arizona's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition¹	EPA's Final Designation³
				Nonattainment Areas	
Graham County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Greenlee County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Lands of the Hopi Tribe	n/a	n/a	Unclassifiable/ Attainment	Lands of the Hopi Tribe	Attainment/ Unclassifiable
La Paz County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Maricopa County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Mohave County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Navajo County (p)	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County including all lands of White Mountain Apache Tribe, ² excluding Hopi Tribe and Navajo Nation	Attainment/ Unclassifiable
Lands of the Navajo Nation (p)	n/a	n/a	Unclassifiable/ Attainment	All lands of the Navajo Nation ³ excluding the lands of the Navajo Nation Designated as Unclassifiable	Attainment/ Unclassifiable
Pima County	Whole County excluding areas	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable

Area/ County	Arizona's Recommended Area Definition	Arizona's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition¹	EPA's Final Designation³
	of Indian country				
Pinal County (p)	Whole County excluding areas of Indian country and Hayden Nonattainment Area	Unclassifiable	Unclassifiable/ Attainment	Whole county excluding the Hayden Nonattainment Area	Attainment/ Unclassifiable
Santa Cruz County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Yavapai County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	Attainment/ Unclassifiable
Yuma County	Whole County excluding areas of Indian country	Unclassifiable	Unclassifiable/ Attainment	Whole County	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.

² Includes lands of the White Mountain Apache Tribe geographically located in Apache County and Gila County.

³ Includes lands of the Navajo Nation geographically located within the states of New Mexico and Utah.