

Technical Support Document:

Chapter 24

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

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

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

Area/ County	Navajo Nation’s Recommended Area Definition	Navajo Nation’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition	EPA’s Final Designation³
Navajo Nation portion of Coconino County, Arizona	Area around Navajo Generating Station	Attainment	Unclassifiable	Navajo Nation portion of Coconino County, Arizona, located within 50 km of Navajo Nation Generating Station	Unclassifiable
Rest of Navajo Nation	No specific recommendation	No specific recommendation	Unclassifiable / Attainment	All remaining lands of the Navajo Nation ¹ excluding the area designated unclassifiable	Attainment/ Unclassifiable

¹ Includes lands of the Navajo Nation geographically located within the states of New Mexico and Utah.

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.