

Technical Support Document:

Chapter 23

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

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

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

Area/County	Montana’s Recommended Area Definition	Montana’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition	EPA’s Final Designation³
Beaverhead County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Big Horn County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Blaine County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Broadwater County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Carbon County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Carter County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Cascade County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Chouteau County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Custer County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Daniels ¹ County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Dawson County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Deer Lodge County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Fallon County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Fergus County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Flathead County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Gallatin County	Entire County	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Garfield County	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Glacier County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State’s	Attainment/Unclassifiable
Golden Valley County	Entire 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	Montana's Recommended Area Definition	Montana's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition	EPA's Final Designation³
Granite County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Hill County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Jefferson County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Judith Basin County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Lake County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Lewis and Clark County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Liberty County	Entire County	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Lincoln County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Madison County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
McCone County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Meagher County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Mineral County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Missoula County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Musselshell County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Park County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Petroleum County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Phillips County ¹	Entire County	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Pondera County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Powder River County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Powell County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Prairie County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable
Ravalli County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/Unclassifiable

Area/County	Montana's Recommended Area Definition	Montana's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition	EPA's Final Designation³
Richland County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Roosevelt County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Rosebud County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Sanders County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Sheridan County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Silver Bow County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Stillwater County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Sweet Grass County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Teton County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Toole County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Treasure County ¹	Entire County	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Valley County ¹	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Wheatland County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Wibaux County	Entire county	Attainment	Unclassifiable/Attainment	Same as State's	Attainment/ Unclassifiable
Yellowstone County (p) ¹	Entire county	Attainment	Unclassifiable/Attainment	The portion of the county that does not include the Billings attainment area.	Attainment/ Unclassifiable

¹ Includes areas of Indian country located in the county. The EPA is not determining the boundaries of any area of Indian country in this document, 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.

(p) indicates portion of county.