

# Technical Support Document:

## Chapter 7

### Final Round 3 Area Designations for the 2010 1-Hour SO<sub>2</sub> Primary National Ambient Air Quality Standard for Colorado

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 (SO<sub>2</sub>) primary national ambient air quality standard (NAAQS) (2010 SO<sub>2</sub> NAAQS). Our Notice of Availability (NOA)<sup>1</sup> and Technical Support Document<sup>2</sup> 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 Colorado’s recommended designations, assessed the available relevant monitoring, modeling, and any other information, and provided our intended designations.

For Colorado, there have been no changes in Colorado’s recommended designations since we communicated our intended designations for areas in Colorado. This TSD does not repeat information contained in the TSD for our intended designations. For areas of Colorado 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 Colorado 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 Colorado’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.

The EPA received comments from Sierra Club regarding the intended designations for areas in Colorado. These comments are addressed in the Response to Comments document associated with this final action.

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<sup>1</sup> 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)

<sup>2</sup> Intended Round 3 Area Designations for the 2010 1-Hour SO<sub>2</sub> 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 Colorado**

<b>Area/ County</b>	<b>Colorado’s Recommended Area Definition</b>	<b>Colorado’s Recommended Designation</b>	<b>EPA’s Intended Designation</b>	<b>EPA’s Final Area Definition<sup>1</sup></b>	<b>EPA’s Final Designation<sup>3</sup></b>
State Air Quality Control Region (AQCR) 01: Logan, Morgan (p), Phillips, Sedgwick, Washington and Yuma Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State’s, with the exception of the Fort Morgan unclassifiable area in Morgan County, whose boundaries are defined as follows; a circle with a 12 kilometer radius centered on the Pawnee Power Plant.	Attainment/ Unclassifiable
AQCR 02 Larimer and Weld Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State’s	Attainment/ Unclassifiable
AQCR 03 Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Jefferson, and Gilpin Counties	Entire AQCR	Attainment	Unclassifiable /Attainment	Same as State’s	Attainment/ Unclassifiable

<sup>3</sup> Refer to Chapter 1 of Technical Support Document: Final Round 3 Area Designations for the 2010 1-Hour SO<sub>2</sub> Primary National Ambient Air Quality Standard for definitions of the designation categories and the terminology change from Unclassifiable/Attainment to Attainment/Unclassifiable.

Area/ County	Colorado's Recommended Area Definition	Colorado's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition <sup>1</sup>	EPA's Final Designation <sup>3</sup>
AQCR 04 El Paso (p), Park, and Teller Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's, with the exception of the County Colorado Springs unclassifiable area in El Paso County, whose boundaries are defined as follows; Colorado Springs, Manitou Springs and unincorporated areas east of the western city limits of Colorado Springs, north of the southern city limits of Colorado Springs with the addition of the area termed "Stratmoor" bounded by South Academy Boulevard, west of Powers Blvd, and south of East Woodman Blvd (east of Academy Blvd. N) and the northern city limits of	Attainment/ Unclassifiable

<b>Area/ County</b>	<b>Colorado's Recommended Area Definition</b>	<b>Colorado's Recommended Designation</b>	<b>EPA's Intended Designation</b>	<b>EPA's Final Area Definition<sup>1</sup></b>	<b>EPA's Final Designation<sup>3</sup></b>
				Colorado Springs (west of Academy Blvd. N).	
AQCR 05 Cheyenne, Elbert, Kit Carson, and Lincoln Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 06 Baca, Bent, Crowley, Kiowa, Otero, and Prowers Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 07 Huerfano, Las Animas and Pueblo Counties	Entire AQCR	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 08 Alamosa, Conejos, Costilla, Mineral, Rio Grande, and Saguache Counties	Entire county	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 09 Archuleta (p) <sup>2</sup> , La Plata (p) <sup>2</sup> , Montezuma (p) <sup>2</sup> , Dolores, and San Juan Counties	Entire AQCR (excluding Ute Mountain Tribe and Southern Ute Indian Tribe Lands)	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's, with the inclusion of Ute Mountain Tribe Lands	Attainment/ Unclassifiable
AQCR 10 Delta, Gunnison,	Entire county	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable

<b>Area/ County</b>	<b>Colorado's Recommended Area Definition</b>	<b>Colorado's Recommended Designation</b>	<b>EPA's Intended Designation</b>	<b>EPA's Final Area Definition<sup>1</sup></b>	<b>EPA's Final Designation<sup>3</sup></b>
Hinsdale, Montrose, Ouray, and San Miguel Counties					
AQCR 11 Garfield, Mesa, Moffat, and Rio Blanco Counties	Entire county	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 12 Eagle, Grand, Jackson, Pitkin, Routt, and Summit Counties	Entire county	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable
AQCR 13 Chaffee, Custer, Fremont, and Lake Counties	Entire county	Attainment/ Unclassifiable	Unclassifiable /Attainment	Same as State's	Attainment/ Unclassifiable

<sup>1</sup>Includes any 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.

<sup>2</sup> Does not include portions of the Southern Ute Indian Reservation, which is being designated separately; see Chapter 46 of this TSD for the final designations.

(p) indicates portion of county.