

Technical Support Document:

Chapter 19

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

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

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

Area/County	Michigan’s Recommended Area Definition	Michigan’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition⁺	EPA’s Final Designation³
Alpena County	Alpena County	Attainment	Unclassifiable/Attainment	Same as State’s Recommendation	Attainment/Unclassifiable
Delta County	Delta County	Attainment	Unclassifiable/Attainment	Same as State’s Recommendation	Attainment/Unclassifiable
Remaining Undesignated Areas to Be Designated in this Action*	All other not yet designated partial and full counties	Unclassifiable	Unclassifiable/Attainment	All other not yet designated partial and full counties	Attainment/Unclassifiable

*The EPA is designating the remaining undesignated counties (or portions of counties) in Michigan as “attainment/unclassifiable.” These areas that we are designating as attainment/unclassifiable (those to which this row of this table is applicable) are identified more specifically in section 5 of Chapter 19 (addressing Michigan) of the TSD for our intended designations.

+Includes all areas of Indian country geographically located with the county, unless otherwise noted. The EPA is not determining the boundaries of any area of Indian country in this document, including any area of Indian country located in a 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.

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.