

Technical Support Document:

Chapter 4

Final Round 4 Area Designations for the 2010 1-Hour SO₂ Primary National Ambient Air Quality Standard for Maryland and West Virginia

Pursuant to section 107(d) of the Clean Air Act (CAA), the U.S. Environmental Protection Agency (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). On or about August 13, 2020, EPA sent states our responses to certain designation recommendations for the 2010 SO₂ NAAQS. On August 21, 2020, EPA published a notice of availability (NOA) in the *Federal Register* (see 85 FR 51694), initiating a 30-day public comment period. The NOA and the technical support document (TSD) for EPA’s intended designations provided background on the relevant CAA definitions and the history of the designations for this NAAQS. The TSD for EPA’s intended designations also described Maryland’s and West Virginia’s recommended designations and EPA’s assessment of the available information.

For Maryland and West Virginia, there have been no changes to the designations since EPA communicated its intended designations in August 2020. In addition, neither Maryland, West Virginia, nor any other party submitted additional relevant information since the publication of the NOA. EPA is finalizing the designations for areas in Maryland and West Virginia that we described in our 120-day letters and the TSD for our intended Round 4 designations. This TSD does not repeat information contained in the TSD for EPA’s intended designations. Table 1 identifies EPA’s final Round 4 designations and the areas in Maryland and West Virginia to which they apply, and Chapter 1 of this TSD for the final designations explains the definitions that EPA is applying in the final designations process.

Table 1. Summary of EPA’s Final Designations and the Designation Recommendations by Maryland and West Virginia

Area/County	Maryland’s Recommended Area Definition	Maryland’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition	EPA’s Final Designation
Allegany County	Allegany County	Attainment	Attainment/ Unclassifiable	Same as State’s Recommendation	Attainment/ Unclassifiable
Area/County	West Virginia’s Recommended Area Definition	West Virginia’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition	EPA’s Final Designation
Mineral County	Mineral County	Attainment	Attainment/ Unclassifiable	Same as State’s Recommendation	Attainment/ Unclassifiable

Areas that the EPA previously designated in Round 1 (*see* 78 FR 47191), Round 2 (*see* 81 FR 45039 and 81 FR 89870), and Round 3 (*see* 83 FR 1098 and 83 FR 14597) are not affected by the designations in Round 4.