

# Technical Support Document:

## Chapter 42

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

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

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

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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 Washington**

Area/County	Washington’s Recommended Area Definition	Washington’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition <sup>2</sup>	EPA’s Final Designation <sup>3</sup>
Lewis and Thurston Counties	Lewis and Thurston Counties as one designated area	Attainment	Unclassifiable	Same as State’s Recommendation	Unclassifiable
Remaining Undesignated Areas to Be Designated in this Action <sup>1</sup>	Each Full County as a separate designated area	Attainment/ Unclassifiable	Unclassifiable / Attainment	Same as State’s Recommendation	Attainment/ Unclassifiable

<sup>1</sup> Except for areas that are associated with sources for which Washington elected to install and began timely operation of a new SO<sub>2</sub> monitoring network meeting EPA specifications referenced in the EPA’s SO<sub>2</sub> DRR (see Table 2), the EPA is designating the remaining undesignated counties (or portions of counties) in Washington 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 4 of Chapter 42 (addressing Washington) of the TSD for our intended designations.

<sup>2</sup> Our final designated areas would include all tribal lands within these counties. 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.

Areas for which Washington elected to install and began operation of a new, approved SO<sub>2</sub> monitoring network are listed in Table 2. The EPA is required to designate these areas, pursuant to a court ordered schedule, by December 31, 2020. Table 2 also lists the SO<sub>2</sub> emissions sources around which each new, approved monitoring network has been established.

**Table 2. Undesignated Areas Which the EPA Is Not Addressing in this Round of Designations (and Associated Source or Sources)**

Area	Source(s)
Chelan County and Douglas County	Alcoa Primary Metals Wenatchee Works
Whatcom County	Intalco Aluminum LLC

<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.