

Technical Support Document:

Chapter 27

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

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

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

Area/ County	New Hampshire’s Recommended Area Definition	New Hampshire’s Recommended Designation	EPA’s Intended Designation	EPA’s Final Area Definition	EPA’s Final Designation³
Belknap County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Carroll County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Cheshire County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Coos County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Grafton County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State’s	Attainment/ Unclassifiable
Hillsborough County (p)	Amherst, Antrim, Bedford, Bennington, Brookline, Deering, Francestown, Greenfield, Greenville, Hancock, Hillsborough, Hollis, Hudson, Litchfield, Lyndeborough, Manchester, Mason, Merrimack, Milford, Mont Vernon, Nashua, New Boston, New Ipswich, Pelham, Peterborough, Sharon, Temple, Weare, Wilton, and Windsor	Attainment/ Unclassifiable	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	New Hampshire's Recommended Area Definition	New Hampshire's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition	EPA's Final Designation ³
Merrimack County (p)	Andover, Boscawen, Bradford, Canterbury, Danbury, Franklin, Henniker, Hill, Hopkinton, New London, Newbury, Northfield, Salisbury, Sutton, Warner, Webster, and Wilmot	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
Rockingham County (p)	Atkinson, Auburn, Brentwood, Chester, Danville, Derry, East Kingston, Epping, Exeter, Fremont, Greenland, Hampstead, Hampton, Hampton Falls, Kensington, Kingston, Londonderry, New Castle, Newfields, Newington, Newmarket, Newton, North Hampton, Nottingham, Plainstow, Portsmouth, Raymond, Rye, Salem, Sandown, Seabrook, South	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable

Area/ County	New Hampshire's Recommended Area Definition	New Hampshire's Recommended Designation	EPA's Intended Designation	EPA's Final Area Definition	EPA's Final Designation³
	Hampton, Stratham, and Windham				
Strafford County	Entire county	Attainment	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable
Sullivan County	Entire county	Attainment/ Unclassifiable	Unclassifiable/ Attainment	Same as State's	Attainment/ Unclassifiable

In this table, (p) stands for "partial."