



January 21, 2025

Jeaneanne M. Gettle
Acting Regional Administrator
US EPA Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303-8909

Re: South Carolina Recommendation for 2024 Fine Particulate Matter NAAQS Designation

Dear Ms. Gettle:

On February 7, 2024, the United States Environmental Protection Agency (EPA) promulgated a revised National Ambient Air Quality Standard (NAAQS) for fine particulate matter (PM_{2.5}). The Clean Air Act Section 107(d)(1) requires the governor of each state, no later than one year following promulgation of a new or revised NAAQS, to submit to the Administrator a list of all areas (or portions thereof) in the state that should be designated as nonattainment, attainment, or unclassifiable for the new NAAQS. Accordingly, governors must submit their initial PM designation recommendations to the EPA no later than February 7, 2025, (89 *Federal Register* 16202, published March 6, 2024).

I am writing this letter in response to the EPA's request to submit area recommendations for the revised PM_{2.5} NAAQS established by the EPA via 89 FR 16202. The attached table (Attachment 1) provides the recommendations from the South Carolina Department of Environmental Services (Department) for the designation status of each county in South Carolina. The Department's recommendations are based on 2021 – 2023 design values calculated using certified monitoring data (Attachment 2).

Based on the attached ambient air monitoring data, I am pleased to report that South Carolina fully complies with the revised fine particulate matter standard. On behalf of Governor Henry McMaster, I am recommending that each county in the State of South Carolina be separately designated as "attainment" for the revised primary PM_{2.5} NAAQS.

Should you have any questions regarding our recommendation, please contact Rhonda B. Thompson, PE, Chief, Bureau of Air Quality, at (803) 898-4391 or by email at Rhonda.Thompson@des.sc.gov.

Sincerely,



Myra C. Reece, Interim Director
S.C. Department of Environmental Services

cc: Denisse Diaz, Director, Air and Radiation Division, EPA Region 4
Rhonda B. Thompson, PE, Chief, Bureau of Air Quality
R. Keith Frost, Assistant Chief, BAQ
Heinz Kaiser, Director, Division of Emissions Evaluation & Support, BAQ
Mary Peyton D. Wall, Air Regulation and Data Analysis Section, BAQ

Attachments: SC Designation Recommendations by County
South Carolina Annual PM_{2.5} Design Values – 2023
EPA Map Projecting Counties Meeting Standard

Designation Recommendations for South Carolina by County

County	Recommended Designation	County	Recommended Designation
1. Abbeville	Attainment	24. Greenwood	Attainment
2. Aiken	Attainment	25. Hampton	Attainment
3. Allendale	Attainment	26. Horry	Attainment
4. Anderson	Attainment	27. Jasper	Attainment
5. Bamberg	Attainment	28. Kershaw	Attainment
6. Barnwell	Attainment	29. Lancaster	Attainment
7. Beaufort	Attainment	30. Laurens	Attainment
8. Berkeley	Attainment	31. Lee	Attainment
9. Calhoun	Attainment	32. Lexington	Attainment
10. Charleston	Attainment	33. Marion	Attainment
11. Cherokee	Attainment	34. Marlboro	Attainment
12. Chester	Attainment	35. McCormick	Attainment
13. Chesterfield	Attainment	36. Newberry	Attainment
14. Clarendon	Attainment	37. Oconee	Attainment
15. Colleton	Attainment	38. Orangeburg	Attainment
16. Darlington	Attainment	39. Pickens	Attainment
17. Dillon	Attainment	40. Richland	Attainment
18. Dorchester	Attainment	41. Saluda	Attainment
19. Edgefield	Attainment	42. Spartanburg	Attainment
20. Fairfield	Attainment	43. Sumter	Attainment
21. Florence	Attainment	44. Union	Attainment
22. Georgetown	Attainment	45. Williamsburg	Attainment
23. Greenville	Attainment	46. York	Attainment

South Carolina Annual PM_{2.5} NAAQS Design Values - 2023

Site ID	Site Name	2021 Weighted Arithmetic Average (µg/m³)	2022 Weighted Arithmetic Average (µg/m³)	2023 Weighted Arithmetic Average (µg/m³)	2021-2023 Design Value (µg/m³)	Design Value Valid?
025-0001	Chesterfield	7.0	5.9	8.0	7.0	Yes
037-0001	Trenton	8.1*	7.5*	8.7	8.1	Yes
041-0003	Williams Middle School	7.4	8.0	9.1	8.2	Yes
045-0015	Greenville ESC	8.5	7.9	8.9	8.4	Yes
045-0016	Hillcrest Middle School	7.8	7.3*	8.6	7.9	Yes
079-0007	Parklane	7.3	6.7	8.3	7.4	Yes
083-0011	T.K. Gregg	8.6	7.6*	8.9	8.4	Yes
*The EPA Air Quality System (AQS) database reported incomplete data; however, the design value is considered valid.						

EPA Map Projecting Counties Meeting Standard



EPA Projects More than 99% of Counties would Meet the Revised Fine Particle Pollution Standard Projection of Counties with Monitors that would not Meet in 2032 (Based on EPA Modeling of Projected 2032 Emissions)

