



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

AUG 19 2014

REPLY TO THE ATTENTION OF:

The Honorable Rick Snyder
Governor of Michigan
P.O. Box 30013
Lansing, Michigan 48909

Dear Governor Snyder:

Thank you for your recommendations dated October 31, 2013, of air quality designations for the 2012 revised primary annual fine particle (PM_{2.5}) National Ambient Air Quality Standard (NAAQS) throughout Michigan. I appreciate the information Michigan shared with the U.S. Environmental Protection Agency as we move forward to improve PM_{2.5} air quality. This letter is to notify you of EPA's preliminary response to Michigan's recommendation and to inform you of our approach for completing the initial area designations for the 2012 revised primary annual PM_{2.5} standard.

On December 14, 2012, EPA promulgated a revised primary annual PM_{2.5} NAAQS (78 FR 3086, January 15, 2013). In that action, EPA revised the primary annual PM_{2.5} standard, strengthening it from 15.0 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 12.0 $\mu\text{g}/\text{m}^3$; retained the existing 24-hour PM_{2.5} standard at 35 $\mu\text{g}/\text{m}^3$; retained the existing 24-hour PM₁₀ (coarse particle) standard at 150 $\mu\text{g}/\text{m}^3$; and retained the current suite of secondary PM standards. EPA revised the primary annual PM_{2.5} standard based on an integrated assessment of an extensive body of new scientific evidence, which substantially strengthens our body of knowledge regarding PM_{2.5}-related health effects. The revised primary annual PM_{2.5} standard will provide increased protection for children, older adults, persons with pre-existing heart and lung disease, and other at-risk populations against an array of PM_{2.5}-related adverse health effects, including premature mortality, increased hospital admissions and emergency department visits, and development and exacerbation of chronic respiratory disease.

History shows us that better health and cleaner air go hand-in-hand with economic growth. Working closely with the states and tribes, EPA is implementing the standards using a commonsense approach that improves air quality and minimizes the burden on state, local, and tribal governments. As part of this process, EPA is working with the states and tribes to identify areas in the country that meet the standards and those that need to take steps to reduce PM_{2.5} air pollution. Within one year of promulgation of a new or revised air quality standard, the Clean Air Act requires the Governor of each state to submit to EPA a list of all areas in the state, with a designation recommendation for each area. As a first step in implementing the 2012 annual PM_{2.5} standard, Governors were to submit their designation recommendations, including appropriate area boundaries, by December 13, 2013.

As required by the Clean Air Act, EPA then promulgates designations for all areas across the country. EPA designates an area as “nonattainment” if it is violating the 2012 annual PM_{2.5} NAAQS or if it is contributing to a violation of the NAAQS in a nearby area. Consistent with designations for previous PM_{2.5} standards, EPA intends to use a designation category of “unclassifiable/attainment” for areas that are monitoring attainment or do not have monitors, but for which EPA has reason to believe are likely attainment and are not contributing to nearby violations. Additionally, EPA intends to designate as “unclassifiable” those areas where EPA cannot determine based on available information whether the area is meeting the NAAQS or where EPA has not determined that the area contributes to a nearby violation. At this time, EPA is proceeding with initial area designations using quality-assured, certified air quality monitoring data from 2011 to 2013.

EPA has reviewed the annual PM_{2.5} designation recommendations submitted by Michigan on October 31, 2013, and have reviewed the relevant technical information, including 2011–2013 air quality data. These data do not indicate any violation of the 2012 annual PM_{2.5} NAAQS in Michigan or contribution to any nearby area. Accordingly, EPA intends to designate the entire state of Michigan as unclassifiable/attainment.

EPA will make its proposed designation decisions and supporting documentation available to the general public for review and comment. We will be announcing a 30-day public comment period shortly in the *Federal Register*. After considering any additional information we receive, EPA plans to promulgate final annual PM_{2.5} designations in December of 2014.

EPA is committed to working with the states and tribes to share the responsibility of reducing PM_{2.5} air pollution. Current and upcoming federal standards and safeguards – including pollution reduction rules for power plants, vehicles, and fuels – will ensure steady progress to reduce PM_{2.5}-forming pollution and will protect public health in communities across the country. We look forward to a continued dialogue with you and your staff as we work together to implement the 2012 annual PM_{2.5} standard. If you any questions, please contact me or your staff may contact Ronna Beckmann or Eileen Deamer, the Region 5 Intergovernmental Liaisons, at (312) 886-3000.

Sincerely,



Susan Hedman
Regional Administrator

cc: Dan Wyant
Director, Michigan Department of Environmental Quality

Lynn Fiedler
Acting Chief, Air Quality Division
Michigan Department of Environmental Quality