



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

FEB - 6 2013

The Honorable Steve Beshear
Governor, Commonwealth of Kentucky
State Capitol, Suite 100
700 Capital Avenue
Frankfort, Kentucky 40601

Dear Governor Beshear:

Thank you for your staff's recommendations dated June 2, 2011, with updates on December 20, 2011, and January 15, 2013, on air quality designations for the Commonwealth of Kentucky for the 2010 revision to the primary National Ambient Air Quality Standard for sulfur dioxide (SO₂). Reducing levels of SO₂ pollution is an important part of the U. S. Environmental Protection Agency's commitment to a clean, healthy environment. Exposure to SO₂ can cause a range of adverse health effects, including narrowing of the airways which can cause difficulty breathing and increased asthma symptoms. This letter is to notify you of the EPA's preliminary intentions regarding your recommended designations.

On June 3, 2010, the EPA strengthened the health-based or "primary" standard for SO₂ by establishing a standard for 1-hour average SO₂ concentrations at a level of 75 parts per billion. The Clean Air Act requires the EPA to complete the initial designations process within two years of promulgating a new or revised standard. If the Administrator has insufficient information to make these designations, the EPA has the authority to extend the designation process by up to one year. On July 27, 2012, the EPA announced that it had insufficient information to complete the designations for the 1-hour SO₂ standard within two years and extended the designations deadline to June 3, 2013.

At this time, the EPA is proceeding with designating as nonattainment most areas in locations where existing monitoring data from 2009-2011 indicate violations of the 1-hour SO₂ standard. The EPA intends to address the designations for all other areas in separate future actions. With input from a diverse group of stakeholders, EPA has developed a comprehensive implementation strategy for these future actions that focuses resources on identifying and addressing unhealthy levels of SO₂. The strategy is available at: <http://www.epa.gov/airquality/sulfurdioxide/implement.html>. The EPA will continue to work closely with you and our other partners at the state, tribal and local levels to ensure health-protective, commonsense implementation of the 1-hour SO₂ standard.

Consistent with the Clean Air Act, after carefully considering Kentucky's recommendations and all of the associated technical information for the 2010 SO₂ standard, including the most recent air quality data from 2009-2011, the EPA intends to designate as nonattainment the following areas, including the following counties or portions of counties:

Nonattainment Area
Campbell County, KY-OH*
Jefferson County, KY

County
Campbell County (p)
Jefferson County (p)

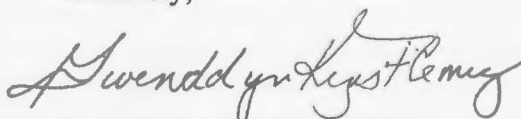
(p) indicates portion of county

The asterisk (*) indicates the boundary for this intended nonattainment area represents a modification to your recommendations. The enclosed Technical Support Document provides a detailed analysis that supports our preliminary nonattainment area decisions.

The EPA will continue to work with state officials regarding the appropriate boundaries for the areas in Kentucky. If Kentucky has additional information that you would like the EPA to consider, please submit it to us by April 8, 2013. We also will be publishing a notice in the Federal Register announcing a 30-day period for the public to provide input on EPA's preliminary designation decisions regarding the areas that we would designate as nonattainment based on monitoring data. We intend to promulgate these designations for areas with monitored violations of the 2010 SO₂ standard by June 2013. We are not yet prepared to propose designations action or seek public comment on other areas.

We look forward to a continued dialogue with you and your staff as we work together to implement the 2010 primary SO₂ standard. For additional information regarding initial designations on the SO₂ standard, please visit our website at www.epa.gov/so2designations. Should you have any questions, please do not hesitate to call me at 404-562-8357 or Beverly Banister of my staff at 404-562-9326.

Sincerely,



Gwendolyn Keyes Fleming
Regional Administrator

Enclosure

cc: Leonard K. Peters
Secretary, Energy and Environment Cabinet

Bruce Scott
Commissioner, Department for Environmental Protection

John Lyons
Director, Division of Air Quality

Lauren Anderson
Director, Jefferson County Air Pollution Control District

Gina McCarthy, Assistant Administrator for Air and Radiation

Stephen D. Page, Director, Office of Air Quality Planning and Standards