



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, CA 94105-3901

FEB 06 2013

OFFICE OF THE
REGIONAL ADMINISTRATOR

The Honorable Neil Abercrombie
Executive Chambers
State Capitol
Honolulu, Hawaii 96813

Dear Governor Abercrombie:

Thank you for your recommendations dated May 19, 2011 on air quality designations for the state of Hawaii 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 (EPA) 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: 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, common sense implementation of the 1-hour SO₂ standard.

The EPA's review of the most recent monitored air quality data from 2009-2011 indicates several monitors on the Island of Hawaii may exceed the 2010 SO₂ standard. In your recommendation letter, you have requested that the EPA exclude data from those monitors from being considered for designations purposes under the EPA's Exceptional Events Rule due to SO₂ emissions from an active volcano. The EPA has not yet determined whether such exclusion is merited under the Exceptional

Events Rule. Accordingly, the EPA is not yet prepared to propose designation action in Hawaii and is currently deferring action to designate areas in Hawaii pending further assessment of this request. Upon our future determination regarding whether to exclude the data from Hawaii's monitors, we will proceed to take appropriate designations action. In a separate future action or actions the EPA will notify you of our intended designation for Hawaii, and seek public comment on such action, no later than 120 days prior to promulgating any final designation.

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 of the SO₂ standard, please visit our website at: www.epa.gov/so2designations. Should you have any questions, please do not hesitate to call me, or have your staff contact Deborah Jordan, Director, Air Division at 415-947-8715, or jordan.deborah@epa.gov.

Sincerely,


for Jared Blumenfeld

cc: Loretta Fuddy, Director, Hawaii Department of Health
Gary Gill, Deputy Director, Hawaii Department of Health
Stuart Yamada, Chief, Environmental Management Division, Hawaii Department of Health
Nolan Hirai, Acting Branch Manager, Clean Air Branch, Hawaii Department of Health
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Stephen D. Page, Director, Office of Air Quality Planning and Standards