



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7

11201 Renner Boulevard
Lenexa, Kansas 66219

MAR 15 2013

Mr. William Ehm, Administrator
Division of Environmental Protection
Iowa Department of Natural Resources
Wallace State Office Building
502 East 9th Street
Des Moines, Iowa 50319-0034

Dear Mr. Ehm:

This is a supplement to our sulfur dioxide (SO₂) designations letter of February 6, 2013, informing the State of Iowa our intent to designate Muscatine County, Iowa nonattainment for the 2010 1-hour SO₂ primary National Ambient Air Quality Standard (NAAQS). Earlier this month, we determined that the Technical Support Document (TSD) submitted by us to support our decision to propose a nonattainment designation for Muscatine County contained errors with respect to the design value we calculated, and the 3-year period used to establish the design value for the Musser Park monitor located in Muscatine, Iowa.

In today's letter we are informing you that we have revised the TSD to address these errors and are submitting the revised TSD for Iowa's review. In our previous TSD, we identified 2008-2010 as the 3-year period that we used to establish the design value. Following our letter to the state, we determined that the design value for 2008 through 2010 was incorrectly identified as 123 ppb. The actual design value for that time period is 112 ppb. Additionally, the first figure in the TSD contained inconsistent wording regarding which 3-year period of data we were evaluating to determine Muscatine County's attainment status.

In response to these errors, we have elected to revise the TSD to use the most recent certified data for the Musser Park monitor which is 2009 through 2011. Using this 3-year data period and replacing flagged data in 2009 and 2010 (there were no flagged data in 2011) with a concentration of 0.0 ppb, we calculate a design value of 127 ppb. We note that using either three year period to establish the design value results in a determination that the Musser Park monitor is violating the 2010 1-hour primary SO₂ NAAQS, and therefore does not change our intended designation of nonattainment for Muscatine County, Iowa.

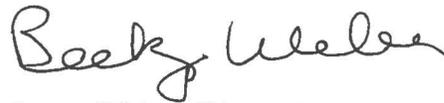
If the Iowa Department of Natural Resources has questions or additional information that you would like the U.S. Environmental Protection Agency to consider prior to final Agency action, please submit it to us by April 8, 2013. We intend to promulgate these designations for areas with monitored violations of the 2010 SO₂ standard by June, 2013.



We look forward to a continued dialogue with you and your staff as we work together to implement the 2010 primary SO₂ standard.

If we can be of further assistance, please feel free to contact me at (913) 551-7487, or have your staff contact Joshua Tapp at (913) 551-7606.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Weber". The signature is fluid and cursive, with the first name being more prominent.

Rebecca Weber, Director
Air Waste and Management Division

cc: Catharine Fitzsimmons
Jim McGraw