



Missouri Department of dnr.mo.gov

# NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

June 29, 2017

Mr. Ed Chu  
Regional Administrator  
U.S. EPA, Region VII  
11201 Renner Boulevard  
Lenexa, KS 66219

Re: 2017 Annual Ongoing Data Requirements Report for SO<sub>2</sub>

Dear Mr. Chu:

The Missouri Department of Natural Resources' Air Pollution Control Program (air program) is submitting the state's stand-alone Annual Ongoing Data Requirements Report pursuant to the *Data Requirements Rule for the 2010 1-Hour Sulfur Dioxide (SO<sub>2</sub>) Primary National Ambient Air Quality Standard (NAAQS)*. The Annual Ongoing Data Requirements Report is due to the U.S. Environmental Protection Agency (EPA) on July 1, 2017 to meet the reporting requirements in 40 CFR 51.1205 (b).

Per procedural protocol in 40 CFR 51.1205 (and, subsequently, 40 CFR 58.10 as a support document), the air program has made this report available for public inspection and comment for at least thirty (30) days, starting May 25, 2017. No comments were received.

Thank you for your attention to this matter. If you have any questions regarding this Annual Ongoing Data Requirements Report, please contact Darcy Bybee, with the Department's Air Pollution Control Program at P.O. Box 176, Jefferson City, MO 65102 or by phone at (573) 751-7840 or email at [darcy.bybee@dnr.mo.gov](mailto:darcy.bybee@dnr.mo.gov).

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Original signed by Kyra L. Moore

Kyra L. Moore  
Director

KLM:mb

Enclosure

c: File# 2017-SO2DRR-1



# **2017 Annual Ongoing Data Requirements Report**

**Data Requirements Rule for the 2010 1-Hour Sulfur Dioxide National  
Ambient Air Quality Standard**

**June 29, 2017**



**Missouri Department of Natural Resources  
Division of Environmental Quality  
Air Pollution Control Program  
P.O. Box 176  
1659 East Elm Street  
Jefferson City, Missouri 65102  
Telephone (573) 751-4817**

## **Purpose**

The Missouri Department of Natural Resources' Air Pollution Control Program (air program) has prepared this report as the state's stand-alone Annual Ongoing Data Requirements Report for the 2010 1-Hour Sulfur Dioxide (SO<sub>2</sub>) Primary National Ambient Air Quality Standard (NAAQS). This report is intended to fulfill the annual reporting requirements of 40 CFR Part 51 Subpart BB, "*Data Requirements Rule for Characterizing Air Quality for the Primary SO<sub>2</sub> NAAQS*". The Annual Ongoing Data Requirements Report is due to the EPA on July 1, 2017, to meet the reporting requirements in 40 CFR 51.1205 (b):

“(b) *Modeled areas*. For any area where modeling of actual SO<sub>2</sub> emissions serve as the basis for designating such area as attainment for the 2010 SO<sub>2</sub> NAAQS, the air agency shall submit an annual report to the EPA Regional Administrator by July 1 of each year, either as a stand-alone document made available for public inspection, or as an appendix to its Annual Monitoring Network Plan (also due on July 1 each year under 40 CFR 58.10)...The first report for each such area is due by July 1 of the calendar year after the effective date of the area's initial designation.”

## **Technical Analysis**

On June 30, 2016, the Environmental Protection Agency (EPA) designated Scott County, Missouri as unclassifiable/attainment for the 2010 SO<sub>2</sub> NAAQS based on EPA's technical assessment of and conclusions regarding air quality modeling. The analysis was based on modeling of actual SO<sub>2</sub> emissions (2012-2014) from sources in and around Scott County. Therefore, this area is subject to the ongoing verification requirements under 40 CFR 51.1205(b), and the air program is submitting this Annual Ongoing Data Requirements Report to meet the reporting requirements for *modeled areas*.

On December 8, 2016, the air program submitted boundary recommendations to EPA for Round 3 of the designation process to be completed by December 31, 2017. Our recommendations included an updated modeling analysis of air quality in Scott County using actual SO<sub>2</sub> emissions for calendar years 2013-2015. The modeled results continued to show attainment of the standard, with a highest modeled concentration of 35.7 ppb, which is less than 50% of the standard. For detailed information on the modeling analysis, please see Missouri's boundary recommendations entitled ["2010 1-Hour Sulfur Dioxide Standard–Area Boundary Recommendations, December 2017 Designations"](#).

At the time of this report, complete quality-assured emissions inventory data is not available for 2016. Therefore, no further analysis is necessary.

## **Public Inspection Period**

Per procedural protocol in 40 CFR 51.1205 (and, subsequently, 40 CFR 58.10 as a support document), the air program has made this report available for public inspections and comment for at least thirty (30) days, starting May 25, 2017. No comments were received.



## State Plan Actions

On Public Notice | Proposed for Adoption



### On Public Notice

None at this time

### Proposed for Adoption

None at this time

### For Public Inspection

This is Missouri's Annual Ongoing Data Requirements Report for the 2010 Sulfur Dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard (NAAQS). This is a stand-alone report required by the federal SO<sub>2</sub> Data Requirements Rule (DRR). The DRR requires an annual assessment of recent SO<sub>2</sub> emissions in any area designated attainment based on air quality modeling of actual emissions.

Comments must be received by **June 25, 2017**.

**Annual Ongoing Data Requirements Report**

**Submit Comments Now**

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## Contact Information

### Air Pollution Control Program

P.O. Box 176

Jefferson City, MO 65102

800-361-4827

573-751-4817

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## Bechtel, Cheri

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**From:** Missouri DNR <MODNR@public.govdelivery.com>  
**Sent:** Wednesday, May 24, 2017 11:16 AM  
**To:** Bechtel, Cheri; Schmidt, Connie; Nahach, Lisa; Deidrick, Steph; Payne, Stan; Bungart, Renee; Moore, Kyra; wendy.vit@dnr.mo.gov; Alexander, Jennifer; Bybee, Darcy  
**Subject:** Courtesy Copy: Air Public Notice Update

**This is a courtesy copy of an email bulletin sent by Darcy Bybee.**

**This bulletin was sent to the following groups of people:**

Subscribers of Air Program Advisory Forum or Air Public Notices (1163 recipients)



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Good Morning!

The Missouri Department of Natural Resources' Air Pollution Control Program is notifying you of the opportunity to inspect the Annual Ongoing Data Requirements Report for the 2010 SO<sub>2</sub> National Ambient Air Quality Standard (NAAQS). This is a stand-alone report required by the federal SO<sub>2</sub> Data Requirements Rule (DRR). The DRR requires an annual assessment of recent SO<sub>2</sub> emissions in any area designated attainment based on air quality modeling of actual emissions.

The report is available for review at: <http://dnr.mo.gov/env/apcp/stateplanrevisions.htm>. Comments must be received by **June 25, 2017**, and may be sent via the link on the previously noted website. For questions, please call me at (573) 751-7946. You can find out more regarding the program's work on the 2010 SO<sub>2</sub> NAAQS at: [www.dnr.mo.gov/env/apcp/so2.htm](http://www.dnr.mo.gov/env/apcp/so2.htm).

Thank you for your interest in air quality!

Darcy

Darcy Bybee

Missouri Department of Natural Resources

Air Pollution Control Program

P.O. Box 176

Jefferson City, MO 65102

E-mail: [darcy.bybee@dnr.mo.gov](mailto:darcy.bybee@dnr.mo.gov)

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