

Air Quality Planning

Darcy Bybee

Air Quality Planning Section Chief
Air Pollution Control Program

Missouri Air Conservation Commission Meeting
Jefferson City, MO
July 28, 2016

Air Quality Planning Updates

- Rule and State Implementation Plan (SIP) agenda
- Rules in Progress Schedule
- State Air Quality Plans Status Report
 - Ozone, Sulfur Dioxide, Regional Haze
- Periodic Rule Review

Rule and SIP Agenda

Pages 103-106

Rule and SIP Agenda

Briefing Document, pages 103-104

July 28, 2016, Public Hearing:

Rule Amendments:

- 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
- 10 CSR 10-6.210 Confidential Information

SIP Revision:

- Redesignation Request and Maintenance Plan for 2008 Ozone Standard

Actions to be voted on:

None

Rule and SIP Agenda

Briefing Document, pages 104-105

August 25, 2016, Public Hearing:

Boundary Recommendation for the 2015 Ozone Standard

Actions to be voted on:

Rule Amendments:

- 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
- 10 CSR 10-6.210 Confidential Information

SIP Revision:

- Redesignation Request and Maintenance Plan for 2008 Ozone Standard

Rule and SIP Agenda

Briefing Document, page 106

September 29, 2016, Public Hearing:

None currently scheduled

Actions to be voted on:

Boundary Recommendation for the 2015 Ozone Standard



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Rules in Progress Schedule

Pages 107-108

Rules in Progress Schedule

Briefing Document, pages 107-108

- Page 107, 1st Row:
 - 10 CSR 10-6.220
- Page 107, 2nd Row from the bottom:
 - 10 CSR 10-6.210

State Air Quality Plans Status Report

Pages 109-114

State Air Quality Plans Status Report

Briefing Document, pages 109-114

- Ozone
 - Redesignation Request and Maintenance Plan for 2008 Ozone Standard, Page 110, Row 2
 - Boundary Recommendations for 2015 Ozone Standard, Page 109, Row 6
 - <http://dnr.mo.gov/env/apcp/docs/ozonemonitordata.pdf>

8-Hour Ozone Design Values*

Weekly Reporting Date 7/25/2016

Site	County	4th High 8-hr Average (ppb)					CV - 70	# of Exceedances > 70 ppb (15 Std)	Design Value		
		2012	2013	2014	2015	2016 [^]			2016 [^]	12-14	13-15
St. Louis											
Arnold West	Jefferson	85	69	72	69	67	72	1	75	70	69
Blair Street ^a	St. Louis City	87	66	66	63	67	84	0	73	65	65
Foley	Lincoln	87	72	67	65	64	81	0	75	68	65
Maryland Hts	St. Louis	90	70	72	69	71	72	5	77	70	70
Orchard Farm	St. Charles	86	71	72	66	68	75	2	76	69	68
Pacific	St. Louis	83	67	63	63	67	83	2	72	63	63
West Alton	St. Charles	92	71	72	70	74	71	5	78	71	72
St. Genevieve											
Bonne Terre	St. Genevieve	83	65	69	63	63	81	2	72	65	65
South East											
Farrar	Perry	83	65	67	67	69	79	1	71	66	67
Kansas City											
Liberty	Clay	84	67	65	62	66	86	1	72	64	64
RG South	Cass	78	64	65	65	61	83	0	69	64	63
Rocky Creek	Clay	86	71	66	68	67	79	1	74	68	67
Trimble	Clinton	85	71	64	68	67	81	1	73	67	66
Watkins Mill	Clay	86	67	67	64	67	82	0	73	66	66
Springfield											
Fellows Lake	Greene	80	64	60	61	58	92	0	68	61	59
Hillcrest H.S.	Greene	75	62	58	61	58	94	0	65	60	59
Outstate											
Alba	Jasper	84	69	65	61	59	87	0	72	65	61
Branson	Taney	71	63	58	59	56	96	0	64	60	57
Eldorado Spgs.	Cedar	81	64	65	60	60	88	0	70	63	61
Finger Lakes	Boone	78	62	64	63	65	86	0	68	63	64
Mark Twain ^a	Monroe	73	61	60	58	59	95	0	64	59	59
New Bloomfield	Callaway	75	61	64	65	64	84	1	66	63	64
Savannah	Andrew	75	66	64	64	61	85	0	68	64	63

*Quality Assured Data through December 2015.

[^]All the 2016 data has not been quality assured and is preliminary. Do not quote, do not cite.

^aYear-round ozone monitoring

2015 Ozone Standard Timeline for Designation Process

- July-Sept 2016: Public review and comment on Missouri's boundary recommendation
- Oct 2016: Missouri submits recommendation to EPA
- June 2017: Missouri receives EPA 120-day letter with proposed changes to recommendation (time for feedback)
- Oct 1, 2017: EPA finalizes designation

State Air Quality Plans Status Report

Briefing Document, pages 109-114

- Sulfur Dioxide
 - Round 1, Existing Monitors, Pages 111 Row 2 & 112, Row 3
 - <http://dnr.mo.gov/env/apcp/sips.htm#Sulfurdioxide>
 - Round 2, Consent Decree, Page 111, Row 3
 - <http://dnr.mo.gov/env/apcp/naaqsboundarydesignations.htm#SO2>
 - Rounds 3 & 4, Data Requirements Rule, Page 111, Row 4
 - <http://dnr.mo.gov/env/apcp/so2.htm>



2010 Sulfur Dioxide Standard

2nd Round: Federal Consent Decree Round Summary of EPA's June 2016 Designations

- Ameren Labadie – Unclassifiable
(Recommendation was Unclassifiable)
- KCPL Sibley – Unclassifiable
(Recommendation was Attainment)
- Sikeston – Unclassifiable/Attainment
(Recommendation was Attainment)

2010 Sulfur Dioxide Standard

3rd & 4th Rounds: SO₂ Data Requirements Rule

- 16 sources being evaluated under the DRR
- Three compliance options available:
 1. Limit emissions to less than 2,000 tons/year (5)
 2. Model compliance using actual emissions (7)
 3. Install air monitors (4)

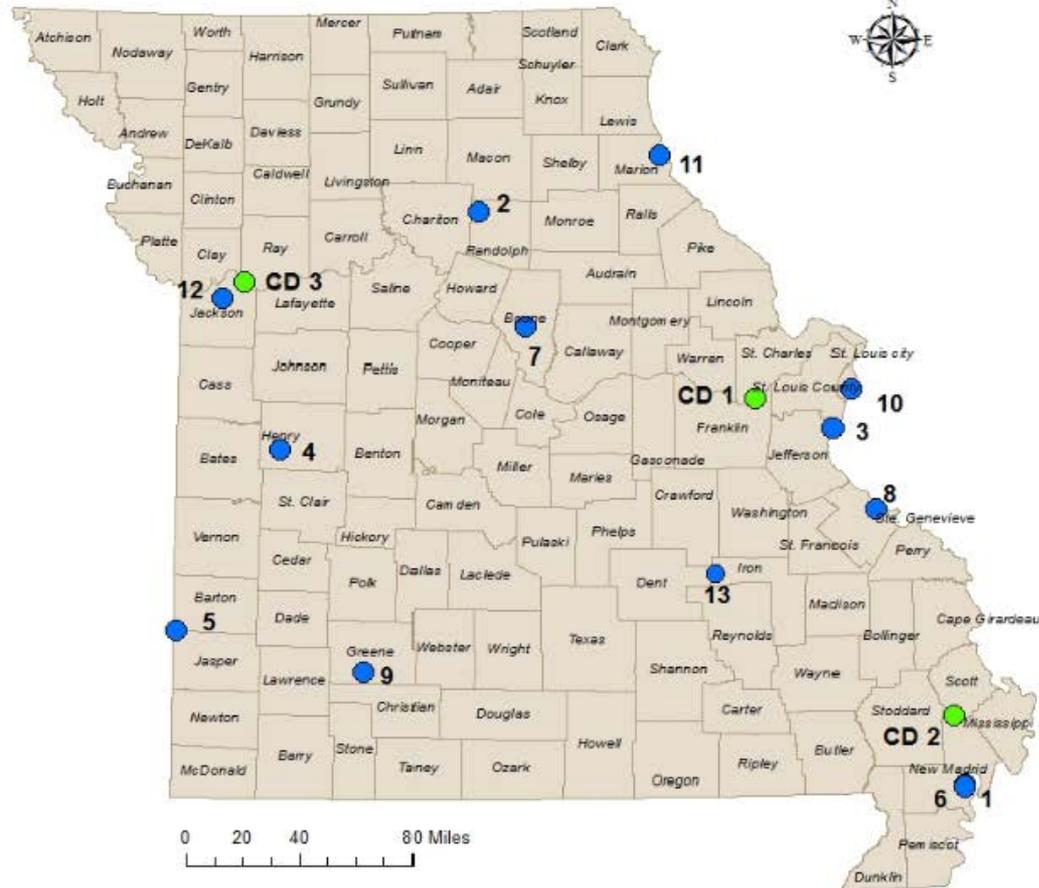


2010 Sulfur Dioxide Standard

Timeline for Designation Processes

- Jan 1, 2017: New monitors operational, if applicable
- Jan 13, 2017: Submit modeled boundary recommendations
- Dec 2017: EPA designates areas based on modeling
(3rd Round)
- May 2020: Submit boundary recommendations based on
2017-19 monitoring data
- Dec 2020: EPA designates areas based on monitoring data
(4th Round)

MO Sources Affected by Final SO2 Data Requirements Rule based on 2014 Actual Emissions



Division of Environmental Quality
Air Pollution Control Program
Prepared: June 2, 2016

Legend

- Sources Affected by Final DRR based on 2014 Emissions
- Sources Affected by CD and DRR

Proposed Regional Haze Rule and Draft Guidance

Page 112, 6th Row

Revisions to Regional Haze Rule

EPA proposed revisions on April 25, 2016

- Comment period closes August 10, 2016

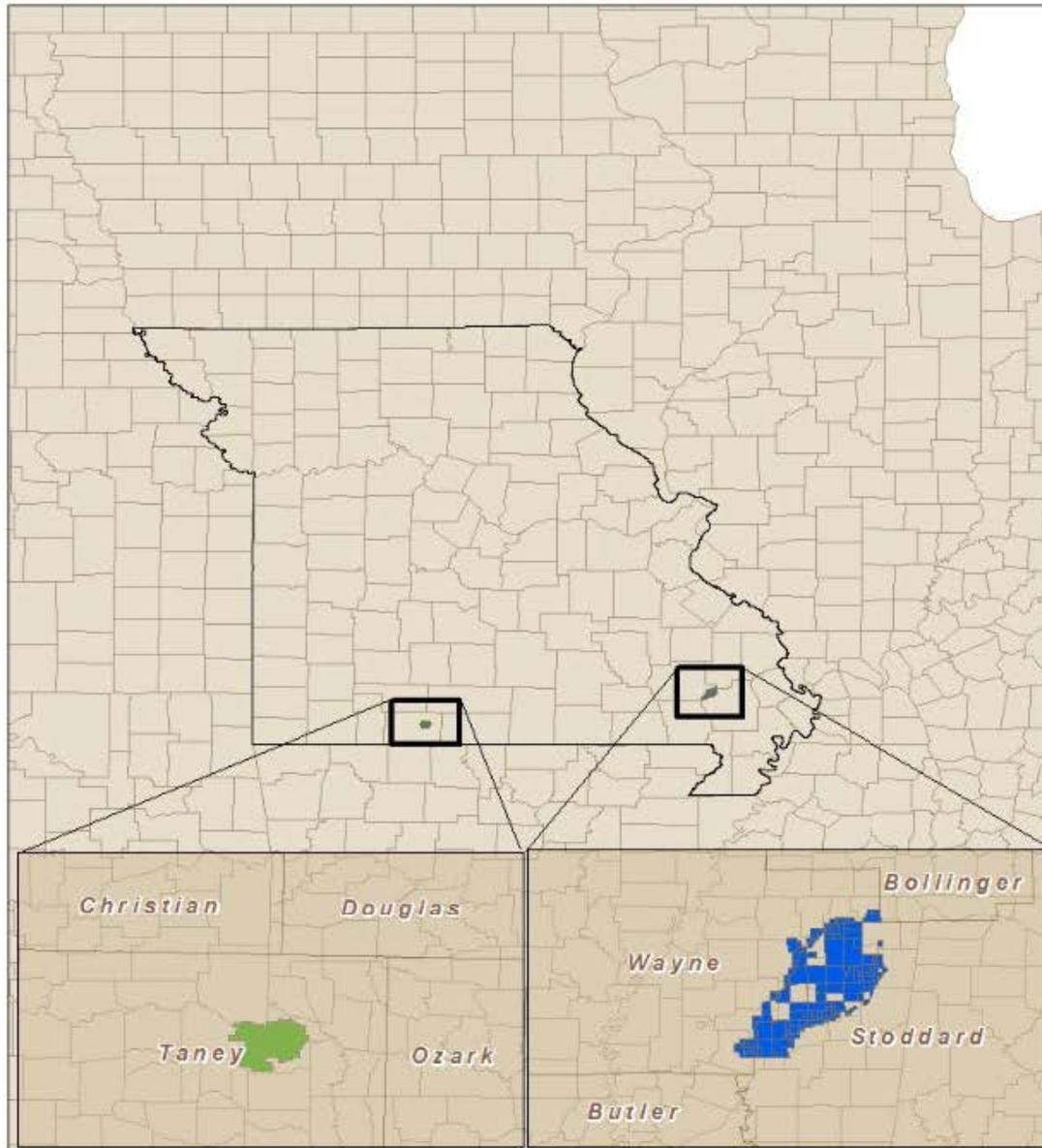
<https://www.epa.gov/visibility/proposed-rulemaking-amendments-regulatory-requirements-state-regional-haze-plans>

Draft Guidance proposed July 8, 2016

- Comment period closes August 22, 2016

<https://www.epa.gov/visibility/draft-guidance-second-implementation-period-regional-haze-rule>

Class I Federal Areas in Missouri



Legend



State Border



Hercules Glades



Mingo



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Periodic Rule Review

Periodic Rule Review (536.175 RSMo)

- Requires the periodic review of all agency rules
- Review process for this round began on July 1, 2016
 - JCAR published notification in the Missouri Register
 - Comments accepted until August 31, 2016*
 - Each agency provides report by June 30, 2017

*** Comments must be submitted per the requirements in 536.175 RSMo**

**July 1, 2016
Missouri
Register,
Page 25**

This section may contain notice of hearings, correction notices, public information notices, rule action notices, statements of actual costs, and other items required to be published in the *Missouri Register* by law.

Notice of Periodic Rule Review

The General Assembly has instituted a five- (5-) year rolling review of existing rules that will begin July 1, 2016, as set forth in section 536.175, RSMo. The following agencies will begin this process for rules promulgated within their designated Title of the *Code of State Regulations* with a sixty- (60-) day public comment period. The *Code of State Regulations* may be viewed at <http://www.sos.mo.gov/adrules/csr/csr.asp>

Titles Reviewed Beginning July 1, 2016:

Title 7 – Department of Transportation

Title 8 - Department of Labor and Industrial Relations

Title 9 - Department of Mental Health

Title 10 - Department of Natural Resources

<http://www.sos.mo.gov/adrules/moreg/moreg>

The Public Comment Process: Agencies with rules in Titles 7-10 of the *Code of State Regulations* may receive comments from the public for any rule within these titles.

- Comments must be received within sixty (60) days of July 1, 2016. (August 31, 2016)
- Comments must identify the commenter.
- Comments must identify the specific rule commented upon.
- Comments must be directly associated with a specified rule.
- Comments must be submitted to the following agency designee:

Title 7 – Department of Transportation

Pamela Harlan, Commission Secretary
Missouri Highways & Transportation Commission
PO Box 270
Jefferson City, MO 65102
Pamela.Harlan@modot.mo.gov

Title 8 - Department of Labor and Industrial Relations

Mike Pritchett, General Counsel
PO Box 59
421 E. Dunklin St.
Jefferson City, MO 65102
Mike.Pritchett@labor.mo.gov

Title 9 - Department of Mental Health

Amber Daugherty
1706 East Elm St.
Jefferson City, MO 65102
Amber.Daugherty@dmh.mo.gov

Title 10 - Department of Natural Resources

Marty Miller, Acting General Counsel
PO Box 176
Jefferson City, MO 65102
Marty.Miller@dnr.mo.gov

How to comment during “regular” process:



Public Notices and Comment Periods

» Division of Environmental Quality » Air Pollution Control Program

- **Rulemakings on Public Notice** (updated 6/9/16) Currently accepting comments
- **Rules In Development** (updated 6/24/16)
- **Permits on Public Notice** (updated 7/06/16) Currently accepting comments
- **State Plan Actions on Public Notice** (updated 6/24/16) Currently accepting comments
- **Air Monitoring Network Plan** (updated 5/27/16)



<http://dnr.mo.gov/env/apcp/public-notices.htm>

- Program Home Page
- Air Conservation Commission
- Air Pollutants
- Air Program Advisory Forum
- Air Quality
- Asbestos
- Clean Power Plan
- Forms and Applications
- Gateway Vehicle Inspection Program
- Laws and Regulations
- NAAQS Boundary Designations
- Ozone
- Permits
- Publications and Reports
- Public Notices-Comment Periods**
- QAPP Template
- Air Pollution Compliance/Regulatory

Proposed Rules

The following are summaries and other information related to Proposed Rules that the Missouri Department of Natural Resources has submitted to the Secretary of State for Publication in the Missouri Register. These rules will not go into effect until the public has had an opportunity to submit written comments, and to attend a public hearing if one is scheduled.

Any person may offer comments on a Proposed Rule. The instructions for submitting comments, and the location and date of a hearing if one is scheduled, are located after the text of each rule. Please note that the official text of a Proposed Rule is the version that appears in the Missouri Register, not the draft copy on this site.

Information on Rules in Initial Development follows the Proposed Rules information.

We hope you find this site helpful and informative.

To view more detailed information about the rules in development, select [here](#).

<https://dnr.mo.gov/proposed-rules>

Proposed Rule	Summary	Fiscal Note(s)	Supporting Documents	Link to Missouri Register	Small Business Impact Statement	Date Posted
10 CSR 10-6.210 Submit Comment	Clarifies public disclosure requirements for making confidentiality claims, removes definitions listed in rule that are now in 10 CSR 10-6.020, and reorganizes rule into standard rule organization format.	No		10 CSR 10-6.210	No	06/01/2016
10 CSR 10-6.220 Submit Comment	Removes impermissible SSM language, adds exemption for power plants complying with MATS using CEMS, clarifies exemptions, adds compliance demonstration requirements, and removes definitions now in definitions rule.	No	Technical Support Document	10 CSR 10-6.220	No	05/02/2016

Rules in Development

Filter By

Program:
Action Type:
Status:



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Director's Report

Kyra Moore

Air Pollution Control Program

Missouri Air Conservation Commission Meeting

Jefferson City, MO

July 28, 2016

Air Program Fees

- Emission Fee
 - \$48 per ton - Effective January 1, 2016
(for calendar year 2015 emissions)
 - Higher fee decreased impact of lower emissions
- Permit/Asbestos fee changes effective Jan 1, 2017

Asbestos Fee Changes

Goal – Fees cover 100% of activity

Fee Type	Current Fee	Fee Adjustment
Asbestos Demolition Fee (allowed in RsMO 643.237/currently not collected)	\$100/Demolition Project	Start collecting
Asbestos Certification Fee		
Worker Asbestos Certification	\$25 for Workers	\$40
Other Disciplines Asbestos Certification	\$75 for All Other Disciplines	\$100
Asbestos Recertification Fee		
Worker Asbestos Recertification	\$5 for All Workers	\$20
Other Disciplines Asbestos Recertification	\$5 for Other Disciplines	\$50
Asbestos Registration Fee	\$1,000/Registration	\$2,650
Asbestos Exam Fee	\$25/Exam	\$25
Asbestos Accreditation Fee	\$1,000 per Course/ \$3,000 cap	\$1,000 per Course/ \$3,000 cap
Asbestos Inspection Fee	\$100/\$300 Max	\$200/\$400
Asbestos Exemption Fee	\$250/Exemption	No fee adjustment
Asbestos Abatement Notification Fee	\$100/Notification	\$200

Permit Fee Changes

Fee Type	Current Fee	Fees Adjustment
Portable Source Filing/Review Fee	\$200/Application	\$300
Construction Permit Review Fee	\$50/Review Hour	\$75
Construction Permit Filing Fee (Deminimis & Minor)	\$100/Application	\$250
Construction Permit Filing Fee - Major Prevention of Significant Deterioration (PSD)	\$100/Application	\$5,000
Vapor Recovery Permit Filing Fee	\$100/Application	No fee adjustment
Operating Permit Filing Fee (Basic)	\$100/Application	\$500
Operating Permit Filing Fee (Intermediate & P70)	\$100/Application	Tiered \$750 - \$6,000

Clean Power Plan

- Carbon Pollution Standards for Power Plants
- Supreme Court issued stay of rule on February 9, 2016

Clean Energy Incentive Program (CEIP)

- Optional program encourages energy efficiency and solar measures in low-income communities
- Separate program from Clean Power Plan
 - Not affected by stay
- June 16, 2016 – EPA proposed detailed CEIP
- <https://www.epa.gov/cleanpowerplan/proposed-rule-about-ceip-design-details>
- Comment period ends September 2, 2016

Division of Environmental Quality Director: Leanne Tippett Mosby

Date: July 28, 2016

Nothing in this document may be used to implement any enforcement action or levy any penalty unless promulgated by rule under chapter 536 or authorized by statute.