MISSOURI
DEPARTMENT OF
NATURAL RESOURCES
Air Pollution Control Program

RULE AND SIP AGENDA

August 25, 2016
St. Louis

ACTIONS FOR PUBLIC HEARING

* Proposed Area Boundary Recommendation for the 2015 Ozone Standard

In 2015, the U.S. Environmental Protection Agency (EPA) strengthened the 8-hour ozone National Ambient Air Quality Standard (NAAQS) to 70 parts per billion. Missouri is submitting to EPA boundary designation recommendations for this revised standard in accordance with the Clean Air Act and following EPA's Area Designations Memorandum (February 25, 2016). Nonattainment recommendations are for areas with monitored violations based on 2013 to 2015 data and areas contributing to the violations. All other areas of the state are recommended for an attainment/unclassifiable designation. The air program intends to submit this recommendation to EPA by October 2016, and EPA will designate areas by October 2017. This action will not be submitted for inclusion in the Missouri State Implementation Plan.

ACTIONS TO BE VOTED ON:

* 10 CSR 10-6.220 (amendment) Restriction of Emission of Visible Air Contaminants

The purpose of this rulemaking is to remove a statement from the compliance and performance testing provisions that does not meet Clean Air Act requirements. This statement could be interpreted as allowing for exemptions from federally enforceable emission limits through the state director's discretion. This action was initiated by a petition received by the U.S. Environmental Protection Agency (EPA) concerning the treatment of excess emissions by sources during startup, shutdown, or malfunction conditions. EPA responded to the petition by finalizing a State Implementation Plan (SIP) Call that requires us to fix this deficiency in the rule. At the same time, the following exemptions are being added to reduce regulatory burden and eliminate duplicative requirements:

- power plants complying with Mercury and Air Toxics Standards (MATS)
- certain sources subject to the federal boiler Maximum Achievable Control Technology (MACT) regulations
- fugitive emissions subject to 10 CSR 10-6.170, and
- units designed to burn certain gaseous fuels such as natural gas.

Additional clarification and maintenance changes are also being incorporated into this rulemaking.

* 10 CSR 10-6.210 (amendment) Confidential Information

This amendment will clarify the procedure that businesses are to follow when submitting confidential business information. These changes include: submitting a claim of confidentiality with the initial submittal of any confidential information; requiring a separate, publicly viewable, version of the information be provided with a confidentiality claim; clarifying requirements for granting a claim of confidentiality and which emission data elements will be held confidential; reorganizing the rule into the standard rule organization format; and removing definitions currently listed in the rule since they can be found in 10 CSR 10-6.020 Definitions and Common Reference Tables.

* Missouri State Implementation Plan Revision - Redesignation Request and Maintenance Plan for the St. Louis (MO) 2008 Ozone Standard Nonattainment Area

This SIP revision addresses redesignation requirements, per the Clean Air Act, for the St. Louis (MO) nonattainment area under the 2008 ozone standard. The St. Louis (MO) area counties of Franklin, Jefferson, St. Charles, St. Louis and St. Louis city were designated nonattainment by the U.S. Environmental Protection Agency (EPA) on May 21, 2012, and monitoring data for 2013 to 2015 show the area has attained the standard of 75 parts per billion. The SIP revision includes a maintenance plan to demonstrate the St. Louis (MO) area will continue to meet the standard in future years as outlined in emission inventory projections, contingency measures, and motor vehicle budgets. Redesignation to attainment will occur when EPA gives final approval of this plan.

September 29, 2016
Jefferson City

ACTIONS FOR PUBLIC HEARING

None Scheduled

ACTIONS TO BE VOTED ON:

* Proposed Area Boundary Recommendation for the 2015 Ozone Standard

In 2015, the U.S. Environmental Protection Agency (EPA) strengthened the 8-hour ozone National Ambient Air Quality Standard (NAAQS) to 70 parts per billion. Missouri is submitting to EPA boundary designation recommendations for this revised standard in accordance with the Clean Air Act and following EPA's Area Designations Memorandum (February 25, 2016). Nonattainment recommendations are for areas with monitored violations based on 2013 to 2015 data and areas contributing to the violations. All other areas of the state are recommended for an attainment/unclassifiable designation. The air program intends to submit this recommendation to EPA by October 2016, and EPA will

designate areas by October 2017. This action will not be submitted for inclusion in the Missouri State Implementation Plan.

October 27, 2016
Springfield

ACTIONS FOR PUBLIC HEARING

* Proposed Area Boundary Recommendations for the 2010 Sulfur Dioxide Standard: December 2017 Designations

  Missouri is proposing to recommend area designations (e.g. attainment, nonattainment, unclassifiable) for the 2010 1-hour Sulfur Dioxide (SO_2) standard. These recommendations address seven areas of the state containing sources identified as meeting criteria specified in the federal Data Requirements Rule (DRR) for future rounds of SO_2 designations. The proposed recommendations are based on technical evaluations of these seven areas using air quality modeling. The air program intends to submit these recommendations to EPA by January 13, 2017. EPA must finalize designations for these areas by December 31, 2017. The remaining nine Missouri sources affected by the DRR are also discussed, but EPA is not required to designate these areas until December 31, 2020. This action will not be submitted for inclusion in the Missouri State Implementation Plan.

ACTIONS TO BE VOTED ON:

None Scheduled

December 1, 2016
Jefferson City

ACTIONS FOR PUBLIC HEARING

None Scheduled

ACTIONS TO BE VOTED ON:

* Proposed Area Boundary Recommendations for the 2010 Sulfur Dioxide Standard: December 2017 Designations

  Missouri is proposing to recommend area designations (e.g. attainment, nonattainment, unclassifiable) for the 2010 1-hour Sulfur Dioxide (SO_2) standard. These recommendations address seven areas of the state containing sources identified as

meeting criteria specified in the federal Data Requirements Rule (DRR) for future rounds of SO_2 designations. The proposed recommendations are based on technical evaluations of these seven areas using air quality modeling. The air program intends to submit these recommendations to EPA by January 13, 2017. EPA must finalize designations for these areas by December 31, 2017. The remaining nine Missouri sources affected by the DRR are also discussed, but EPA is not required to designate these areas until December 31, 2020. This action will not be submitted for inclusion in the Missouri State Implementation Plan.

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

Rule Action	Draft Rule Out for Other Dept Review	Public Notice (Accepting Comments on Draft Rule)	File with Secretary of State*	Published in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote on Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants (Fixes director discretion provision and adds exemptions and clarifications.)	10-13-14	10-21-14	~~04-15-15~~ 03-29-16	~~05-15-15~~ 05-02-16	~~06-25-15~~ 07-28-16	~~07-02-15~~ 08-04-16	~~07-30-15~~ 08-25-16	~~09-01-15~~ 10-03-16	~~11-30-15~~ 12-30-16
New Rule 10 CSR 10-6.261 Control of Sulfur Dioxide Emissions (Incorporates new sulfur standards)	12-10-14	12-13-14	04-10-15	05-15-15	06-25-15	07-02-15	08-03-15	09-04-15	11-30-15
Rule Rescission 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds (Rescinds outdated rule)	12-10-14	N/A	04-10-15	05-15-15	06-25-15	07-02-15	08-03-15	09-04-15	11-30-15
New Rule 10 CSR 10-6.372 Cross-State Air Pollution Rule Annual NO_x Trading Allowance Allocations (Incorporates new cross-state annual NO_x standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	09-28-15	12-30-15
New Rule 10 CSR 10-6.374 Cross-State Air Pollution Rule Ozone Season NO_x Trading Allowance Allocations (Incorporates new cross-state ozone season NO_x standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	09-28-15	12-30-15
New Rule 10 CSR 10-6.376 Cross-State Air Pollution Rule Annual SO_2 Trading Allowance Allocations (Incorporates new cross-state annual SO_2 standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	09-28-15	12-30-15
Rule Rescission 10 CSR 10-3.160 Restriction of Emission of Fluorides From Diammonium Phosphate Fertilizer Production (Rescinds outdated rule)	04-15-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Rescission 10 CSR 10-5.120 Information on Sales of Fuels to be Provided and Maintained (Rescinds outdated rule)	04-15-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Rescission 10 CSR 10-5.130 Certain Coals to be Washed (Rescinds outdated rule)	04-15-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.241 Asbestos Projects—Registration, Notification and Performance Requirements (Updates asbestos fee structure)	06-10-15	N/A	07-14-15	08-17-15	09-24-15	10-01-15	10-29-15	11-30-15	02-29-16
Rule Amendment 10 CSR 10-6.250 Asbestos Projects—Certification, Accreditation and Business Exemption Requirements (Updates asbestos fee structure)	06-10-15	N/A	07-14-15	08-17-15	09-24-15	10-01-15	10-29-15	11-30-15	02-29-16
Rule Amendment 10 CSR 10-6.210 Confidential Information (Clarifies procedures and requirements)	06-23-15	N/A	05-02-16	06-01-16	07-28-16	08-04-16	08-25-16	10-03-16	12-30-16
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Updates construction permit fee structure)	07-23-15	N/A	08-17-15	09-15-15	10-29-15	11-05-15	11-17-15	01-04-16	03-30-16

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

Rule Action	Draft Rule Out for Other Dept Review	Public Notice (Accepting Comments on Draft Rule)	File with Secretary of State*	Published in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote on Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.065 Operating Permits (Updates operating permit fee structure)	07-23-15	N/A	08-17-15	09-15-15	10-29-15	11-05-15	11-17-15	01-04-16	03-30-16
Rule Amendment 10 CSR 10-6.390 Control of NO_x Emissions From Large Stationary Internal Combustion Engines (Adds exemption and clarification)	11-10-15	11-19-15	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.020 Definitions and Common Reference Tables (Annual update and changes "basic state installation" definition)	11-10-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.040 Reference Methods (Updates incorporation by reference Federal promulgation dates and includes EPA recently approved monitoring methods)	11-10-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (40 CFR 60 updates through 12/15)	04-28-16	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (40 CFR 63 updates through 12/15)	04-28-16	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (40 CFR 61 updates through 12/15)	04-28-16	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.161 Commercial and Industrial Solid Waste Incinerators (Updates incorporation by reference dates to finalize definitions)	09-02-16	N/A	12-01-16	01-03-17	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.060 Construction Permits (Updates incorporation by reference dates to reflect EPA changes to SIL and SMC for $PM_{2.5}$ PSD permits)	09-21-16	N/A	12-15-16	01-17-17	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-5.330 Control of Emissions From Industrial Surface Coating Operations (Adds new category for decorative coating of foam parts.)	09-27-16	N/A	12-15-16	01-17-17	TBD	TBD	TBD	TBD	TBD

Shaded blocks indicate actual completion dates. * Copy provided to Joint Committee on Administrative Rules ** Last day to meet rule effective date shown.

8/4/2016

State Air Quality Plans Status Report
August 8, 2016

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
LEAD 2008 Std. Infrastructure SIP aka Section 110(a) Plan	10/15/11	12/13/11		8/19/14 79 FR 48994			Infrastructure SIP is due three years after the release of a standard. Draft guidance released by EPA on 6/17/11. EPA accepted comments until 7/20/11. Public hearing held at 10/27/11 MACC meeting. MACC adopted plan 12/8/11. Submitted to EPA 12/13/11.
LEAD 2008 Std. Doe Run - Buick/Viburnum Trend Attainment Plan	6/30/12	4/18/13 (signed CJ) 9/25/2013 (final modified CJ)		8/28/15 80 FR 52190			Attainment demonstration SIP public hearing held on 2/5/13. Plan adopted 3/28/13. On 4/18/13, submitted attainment SIP to EPA with signed Consent Judgment. Final court-lodged CJ will be submitted separately. Minor revision to CJ to remove requirement to build a new stack and reroute exhaust to main stack without changing emission limit. Public hearing held on 6/27/13 and adopted 7/24/13. A final court-lodged copy of the revised CJ was submitted to EPA on 9/25/13.
LEAD 2008 Std. Doe Run - Herculaneum Attainment Plan	6/30/12	4/18/13 (signed CJ) 7/10/2013 (final CJ)		10/20/14 79 FR 62574			Attainment demonstration SIP public hearing held on 2/5/13. Plan adopted 3/28/13. On 4/18/13, submitted attainment SIP to EPA with signed Consent Judgment. Final court-lodged CJ submitted on July 10, 2013.
LEAD 2008 Std. Exide Canon Hollow Consent Agreement Submittal		10/15/14					Adding consent agreement into SIP to incorporate Exide's control strategies for maintenance of lead standard. Public hearing on 8/28/14. Adoption on 9/25/14. On 2/29/16 EPA proposed approval of plan (81 FR 10182).
NITROGEN DIOXIDE (NO_2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	1/22/13	4/26/13	10/30/13				Infrastructure SIP is due three years after the release of a standard. Public hearing held on 3/28/13. Plan adopted on 4/25/13 and submitted to EPA on 4/26/13.
OZONE 2015 8-hour Std. Statewide Area Boundary Designations	10/1/16						On 11/25/14 EPA proposed to lower the primary and secondary NAAQS for ozone to a range of 65-70 ppb. (FR 75234). EPA finalized the primary and secondary NAAQS on Oct. 1, 2015 and set the level at 70 ppb. Ozone season starts one month earlier beginning Jan. 1, 2017 (March to October). Developing area recommendations based on 2013-2015 monitoring data. Public hearing proposed for Aug. 25, 2016. Adoption proposed for Sept. 29, 2016.
OZONE 2008 8-hour Std. Infrastructure SIP aka Section 110(a) Plan	3/12/11	7/1/13	1/8/14		1/15/13 8/12/15		Infrastructure SIP is due three years after the release of a standard. On 1/4/13 the program received a letter from EPA Region VII that EPA would publish a finding of failure to submit in the *Federal Register* for the states like Missouri, that have not submitted their infrastructure SIPs. Finding of failure to submit published in Federal Register on 1/15/13, which starts 2-year clock for state to submit plan and EPA approval. Finding of failure to submit does not apply to "good neighbor" or interstate transport provision at Section 110(a)(2)(D)(i)(I) of Clean Air Act. Public hearing for proposed plan on 5/30/13. Plan adopted 6/27/13. Finding of failure to submit published in Federal Register on 7/13/2015, for "good Neighbor" SIPS. Starts 2-year clock for state to submit plan and EPA approval. (See Regional Transport Section - CSAPR Update)
OZONE 2008 8-hour Std. Early Progress Plan		8/16/13		Direct Final Rule 1/14/16 81 FR 1935			Plan provides the basis for establishing new transportation conformity budgets by citing controls that result in emission decreases. Public hearing held on 2/5/13, and plan adopted 3/28/13. Submitted to EPA on 8/16/13. On Oct. 31, 2013, the Air Program received a letter from EPA that confirmed the adequacy of the VOC and NOx mobile source emissions budgets. Notice of adequacy determination published in FR March 5, 2014. (79 FR 12504)

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
OZONE 2008 8-hour Std. St. Louis Area Attainment Plan	7/20/14	9/4/14		Direct Final Rule 2/25/16 81 FR 9346			EPA proposed an Ozone Implementation Rule for the 2008 ozone NAAQS on June 6, 2013. This rule would outline requirements for the St. Louis nonattainment area. Ozone Implementation Rule comment period closed on September 4, 2013. Public hearing on May 29, 2014. Adoption scheduled for August 28, 2014. EPA is proposing to grant a 1-year attainment extension (80 FR 51992) EPA granted a 1 year attainment extension (81 FR 26697)
OZONE 2008 8-hour Std. St. Louis Area Maintenance Plan							Submitted a clean data determination request to EPA on 2/2/16. Clean data based on 2013-2015 monitoring data. Developing a Maintenance Plan to support a redesignation request to EPA. On June 27, 2016, EPA published a direct final approval of a determination of attainment for the St. Louis area. (81 FR 41444) Public hearing for the maintenance plan is proposed for July 28, 2016. Adoption proposed for Aug. 25, 2016.
PM 2.5 2012 Annual Standard Infrastructure SIP aka Section 110(a) Plan	12/14/15	10/14/15					Infrastructure SIP is due three years after release of standard. Proposed plan scheduled for public hearing on 8/27/15 Adoption proposed for 9/24/15
PM 2.5 2006 24-hour Std. Infrastructure SIP aka Section 110(a) Plan		12/18/09		EPA disapproved interstate transport element 7/20/2011 EPA approved all elements except interstate transport 6/21/13 78 FR 37457			Public hearing on CAA Section 110 Plan revision 7/29/09. MACC adopted CAA Section 110 Plan 8/27/09. By disapproving the interstate transport portion of this plan, EPA included Missouri in the Cross State Air Pollution Rule as the Federal Implementation Plan (FIP) to address Missouri impact on downwind states. On 6/21/13 EPA published final approval of all elements of infrastructure SIP except interstate transport provision (110(a)(2)(D)(i)(I))
PM 2.5 1997 Annual Std. St. Louis Area Attainment Plan		10/9/09 Plan withdrew 8/26/11	11/10/09				On 1/5/05, EPA published area designations/classifications for Fine Particle NAAQS (St. Louis as Unclassifiable/Attainment). MACC adopted RACT rules 4/30/09. Rules included: an amendment to 10 CSR 10-6.260 to establish an emission limit for a lead smelter and a new rule, 10 CSR 10-5.570, that limits large industrial boilers to 1.0 pounds of SO2 emissions per million British thermal units (mmBtu) of heat input. Public hearing for PM2.5 plan 8/27/09. MACC adopted Plan 9/24/09. On 8/26/11 Missouri withdrew attainment plan and reasonable further progress plan from EPA's consideration due to suspension of these requirements per EPA clean data policy. See item on 1997 annual PM2.5 std. St. Louis area maintenance plan for further updates.
PM 2.5 1997 Annual Std. St. Louis Area Maintenance Plan		8/26/11 Revision 3/28/14	10/1/14	Clean Data Finding based on 2007-09 data 5/23/2011			On 3/17/10, DNR submitted letter to EPA advising St. Louis 2007-09 monitoring data shows attainment. Public hearing of proposed maintenance plan 4/28/11. MACC adopted plan on 8/25/11. Maintenance Plan and Redesignation Request submitted to EPA on 8/26/11. On 6/26/12, EPA issued Determination of Attainment for the St. Louis Area meaning the area monitored attainment by the attainment date of April 2010. Developing a technical supplement/revision to the plan. The revision makes corrections to the emissions inventories, includes emissions inventories and a discussion on controls for the Illinois portion of the nonattainment area, and revises the future year to 2025. This revision also establishes motor vehicle emissions budgets to be used in regional transportation conformity determinations for the base year (2008) and the future year (2025) of the plan. Public Hearing scheduled for Jan. 30, 2014. Adoption scheduled for March 27, 2014.

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
PM 2.5 1997 Annual Std. Infrastructure SIP aka Section 110(a) Plan		2/22/07	Complete 3/30/07	5/8/07 - EPA approved interstate transport portion of the plan effective 7/9/07 EPA approved all other elements on 6/21/13			On 9/27/04, DNR submitted latest CAA Section 110 Plan commitment letter to EPA. Public hearing on CAA Section 110 Plan 12/7/06. MACC adopted CAA Section Plan 2/1/07. On 6/21/13 EPA published final approval of remaining non-transport elements.
SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations Initial Round	6/2/11	7/22/11 4/26/13 (Revised Recommendation)					On 6/2/10 EPA tightened the SO2 standard. The new standard is a one hour standard measured at 75 parts per billion (ppb). EPA revoked the previous 24 hour and annual standards. Developing nonattainment recommendation based on monitored violations (2007-09 data) in Greene, Jackson, Jefferson Counties. Public hearing of proposed boundary recommendations 4/28/11. MACC adopted proposed SO2 boundary recommendations on 6/30/11. SO2 boundary recommendations submitted to EPA on 7/22/11. On 8/3/12 EPA published notice that they would use the additional year afforded by the CAA to finalize designations (by June 2013). Based on monitoring data from 2010-2012, Greene County monitors in compliance. On 2/6/13, EPA sent 120-day letter agreeing with recommended nonattainment area boundaries for Kansas City and Herculaneum areas and stating intent to not designate Springfield area nonattainment. Public hearing on a revised nonattainment recommendation removing Springfield, Greene Co area was held 3/28/13 with adoption on 4/25/13. Revised recommendation submitted to EPA on 4/26/13. On 2/7/13, EPA released draft strategy paper outlining next steps for undesignated parts of the state. Additional monitoring and/or modeling of large SO2 sources could be required with further round(s) of designations in 2017/2020 timeframe. Details will be provided via technical guidance and rulemaking in 2013/2014. On 5/21/13, EPA issued draft technical assistance documents for use of monitoring and modeling in future rounds of SO2 designations. On August 5, 2013, EPA published in the FR initial nonattainment area boundary designations. These designations were based on existing monitoring data from 2009-2011 that indicated violations of the standard.
SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations **Round 2** (Federal Consent Decree)	9/18/15	9/25/2015					On June 2, 2014, the EPA released a proposed settlement agreement with plaintiffs, Sierra Club and NRDC, that is intended to resolve pending litigation over the deadline for EPA to complete initial area designations for the 1-hour SO2 Standard. This agreement obligates EPA to conduct earlier rounds of designations for coal-fired power plants over a certain emission threshold in 2012. The agreement was finalized March 2, 2015. EPA must promulgate designations under this agreement by July 2, 2016. There are 4 areas of the state affected by the earlier rounds of designation. proposed boundary recomendations scheduled for public hearing 8/27/15, adoption proposed 9/24/15. On 2/16/16 EPA issued 120-day letter. Missouri submitted additional information on 4/19/16 to EPA for consideration prior to final designations. EPA will promulgate designations by July 2, 2016. On June 30, 2016, EPA signed final designations of unclassifiable and unclassifiable/attainment for 3 Missouri areas. No new nonattainment areas were established. The remainder of the state will be addressed in two additional rounds under the Data Requirements Rule.

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations **Round 3 (Modeling)** **Round 4 (Monitoring)**	(Modeling) 1/13/17 (Monitoring) 5/2020						The final Data Requirements Rule (DRR) was published in the Federal Register Aug. 21, 2015 (80 FR 51052). The DRR outlines the requirements for two rounds of designations for large SO2 emitting sources: 2017 designations and 2020 designations. On Jan. 15, 2016, as required by the DRR, the program submitted to EPA a list of large SO2 emitting sources that will be evaluated for compliance with the SO2 standard. On June 28, 2016, as required by the DRR, the program submitted to EPA detailed evaluation specifics for the sources listed in MO's Jan. 15, 2016, letter. **There are 16 areas of the state directly affected by future rounds of designations. EPA will designate areas in Round 3 based on air quality modeling. EPA will designate the remaining areas of the state in Round 4 which will be based on any new air quality monitoring data available at that time.** **Public hearing for proposed boundary recommendations for Round 3 (modeling) areas scheduled for Oct. 27, 2016. Proposed adoption scheduled for Dec. 1, 2016.**
SULFUR DIOXIDE (SO2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	6/2/13	7/1/13	1/8/14				Infrastructure SIP is due three years after release of standard. SO2 rule stated infrastructure SIP will address areas that model noncompliance. Draft guidance was released for comment on 9/22/11. Comments will be accepted until 11/2/11. On 4/12/12 EPA announced modeling will no longer be required for infrastructure SIPs. Proposed plan scheduled for public hearing on 5/30/13. Plan adopted 6/27/13.
SULFUR DIOXIDE (SO2) 2010 Std. Jefferson and Jackson (partial) Counties Attainment Plan	4/6/15	Jefferson NAA Plan 5/29/2015 Jackson NAA Plan 10/9/2015	Jefferson NAA Plan 12/5/15 Jackson NAA Plan 2/25/2016				Initial review of nonattainment area modeling has begun. On 4/24/14, EPA released final guidance on the implementation of the 2010 1-hour NAAQS for SO2 in areas designated as nonattainment for the standard. Jefferson County SIP public hearing April 30, 2015. Adopted May 28, 2015. Jackson County SIP public hearing June 25, 2015. Adopted Aug. 3, 2015
SULFUR DIOXIDE (SO2) 2010 Std. Jefferson County NAA Maintenance Plan							Submitted a clean data determination request to EPA on 2/2/16. Clean data based on 2013-2015 monitoring data. Developing a maintenance plan to support redesignation request to EPA that will be submitted later this year.
REGIONAL HAZE 2008 Regional Haze Plan		3/7/08 (for conditional approval) 8/5/09 (Final)	Complete 9/13/08	On 12/30/11 EPA proposed limited disapproval due to the remand of CAIR and proposed that CSAPR would replace CAIR in SIPs On 2/28/12 EPA proposed limited approval of the rest of the plan.			Final federal regional haze rule published 7/1/99. On 8/23/07, the draft Regional Haze Plan was provided to the Federal Land Managers (FLM) and EPA for review. Plan revised based on FLM and EPA comments and sent out on public notice 11/2/07. Public hearing on plan 12/6/07. MACC adopted 2/7/08. Conditional approval dependent on evaluation of emission controls for Holcim Cement. On 6/23/08, draft BART finding with emission limitations sent to Holcim. BART technical agreement reached in February 2009 and signed 4/6/09. Public hearing on Plan 6/25/09. MACC adopted Plan 7/29/09. EPA proposed limited approval of plan on 2/28/12 (all of plan except CAIR = BART) On 6/7/12 EPA published the final rule of CSAPR = Better than BART rule for EGUs under the Regional Haze plan in the *Federal Register*. EPA also disapproved the portion of Missouri's Regional Haze SIP that relied on CAIR = BART. On 6/26/12 EPA published their approval of the remainder of the Regional Haze SIP This approval, along with the "Better than BART rule means Missouri has met all requirements for the first phase of Regional Haze.

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
REGIONAL HAZE 5-Year Progress Plan	8/5/14	8/29/14		Proposed Approval (80 FR 58410) **Final Approval effective 8/31/16 (81 FR 50351)**			In April 2013, EPA released general principles for states to follow in developing 5-year progress plans. On 2/14/2014, the draft progress plan was provided to the Federal Land Managers (FLM) and EPA for review. Public Hearing 5/29/14. Adoption 8/28/14.
REGIONAL HAZE 2018-2021 Regional Haze Plan							EPA has proposed revisions to the regional haze rule (81 FR 26942). These revisions will affect future SIP revision requirements for regional haze.
REGIONAL TRANSPORT Cross State Air Pollution Rule or CSAPR							On 8/2/10, EPA proposed the Transport rule to reduce the interstate transport of fine particulate matter and ozone in response to the court's remand of CAIR. Missouri is not included in the ozone season portion of the NOx allocations. Proposed rule does include Missouri for NOx and SOx annual limits, to address downwind transport for PM 2.5 Final rule released 7/7/11. Renamed "Cross-State Air Pollution Rule" Missouri submitted letter to EPA on 10/17/11 indicating that the state would submit a reallocation of emission credits for 2013 by the 4/1/12 deadline. Public hearing on reallocations for SO2, Annual NOx and Ozone Season NOx for 2013 at 12/8/11 MACC meeting On 12/16/11 EPA finalized the supplement that includes Missouri in the ozone season On 12/23/11 EPA proposed that CSAPR = "Better than BART" for EGUs under Regional Haze CSAPR was to go into effect on 1/1/12. On 12/28/11, the Court of Appeals for the D.C. Circuit issued a stay for CSAPR. CAIR was put back in place. The MACC adoptions for CASPR reallocations for 2013 were put on hold. On 2/6/12, EPA issued a stay for the supplement based on the Court's stay of CSAPR On 2/21/12, EPA released a direct final rule that adjusted budgets based on technical comments received from affected sources. This increased MO's budgets. EPA received adverse comments on the direct final rule, so they will go through with the full rulemaking process via the proposed rule they also issued on 2/21/12 On 8/21/12 the D.C. Court of Appeals vacated CSAPR. CAIR remains in place. EPA initiating discussions with states on next steps. On 6/24/13 U.S. Supreme Court granted petition to review D.C. Circuit Court's CSAPR decision. On 4/29/14, the US Supreme Court reversed the DC Circuit Court's opinion to vacate CSAPR. The court's decision said the agency reasonably interpreted the CAA in adopting CSAPR. EPA is reviewing the Supreme Court's opinion. At this time, CAIR remains in place. On 6/26/14, the EPA filed a motion in the U.S. Court of Appeals for the District of Columbia asking the court for an order 1) lifting the stay of the Transport Rule (i.e., the Cross-State Air Pollution Rule) imposed by the D.C. Circuit on December 30, 2011 and 2) delaying for three years all compliance deadlines that had not passed as of the date of the stay. On 10/23/14, the DC Circuit Court lifted the stay on CSAPR. EPA taking action to clarify new compliance schedule consistent with its motion, but will not include any substantive changes to the Transport Rule. On 11/21/14, EPA issued a ministerial rule to align the CSAPR rule text with the court ordered schedule. Phase I implementation begins 1/1/15; Phase II 1/2017.
	4/1/15 (2016) 12/1/15 (2017 and beyond)	3/30/2015		EPA approved 2016 control period SIP (80 FR 51131) EPA approved 2017 and beyond control period abbreviated SIP (81 FR 41838)			Missouri has developed abbreviated SIPs for the reallocation of NO_x Annual and NO_x Ozone Season allowances. Public hearing 1/29/15. Adoption is scheduled for 3/26/15. Rulemaking for the reallocation of allowances for control periods 2017 and beyond is being developed: (10 CSR 10-6.372, 10 CSR 10-6.374, and 10 CSR 10-6.376). Public hearing on Aug. 3, 2015 and adoption scheduled for Aug. 27, 2015.

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	FIP/Sanction Clock Date **		Comments
					Start	Stop	
REGIONAL TRANSPORT CSAPR Update							On Dec. 3, 2015, EPA released a proposed update to the Cross-State Air Pollution Rule (CSAPR) (80 FR 75706). The update addresses interstate transport for the 2008 ozone standard by decreasing NOx ozone season budgets for 23 eastern states including MO. Final rule expected in late 2016.
111(d)/129 STATE PLAN Sewage Sludge Incinerators (SSI)		4/30/2013 (original) 9/18/2013 (corrected)		Final approval effective 11/16/2015 80 FR 55548			Public hearing on SSI plan and rulemaking (10 CSR 10-6.191) on 12/6/12. Adoption on SSI plan and rulemaking held on 2/5/13. Submitted corrections to plan. The corrections did not affect the associated rule (10 CSR 10-6.191).
Commercial and Industrial Solid Waste Incinerators (CISWI)	2/7/14	2/28/14		Final approval effective 11/17/2015 80 FR 56390			CISWI plan and rulemaking (10 CSR 10-6.161) scheduled for public hearing on 9/26/13 and adoption on 10/31/13. Adoption re-scheduled to Nov. 21, 2013
Carbon Pollution Standards for Existing Power Plants	9/6/18						Final standards released Aug. 3, 2015; Effective Dec. 22, 2015 (80 FR 64661) On 2/9/16, the U.S. Supreme Court granted a request for a stay of the final Clean Power Plan rule pending judicial review on the merits by the D.C. Circuit Court, and any subsequent judicial review undertaken by the Supreme Court. On 6/16/16, EPA released a proposed rule that lays out design elements of the optional Clean Energy Incentive Program (CEIP), which was included in the final Clean Power Plan. (81 FR 42940)
PM 10 CONSENT AGREEMENT SUBMITTAL Americold Logistics, LLC		5/29/2014		Direct final rule 1/28/16 81 FR 4886			Adding consent agreement into SIP to incorporate Americold's control strategies for maintenance of PM10 standard. Public hearing scheduled for January 30, 2014. Adoption scheduled for March 27, 2014.
CO 1971 8-hour Std. St. Louis Area Maintenance Plan		4/3/14		Proposed Rule 80 FR 59704 Direct Final Rule 80 FR 59611 10/2/2015			Missouri is developing a 2nd maintenance plan for the St. Louis area as required by the CAA to demonstrate continued compliance of the NAAQS. Missouri is using the Limited Maintenance Plan option for nonclassifiable CO areas based on the most recent design values for the area. Public hearing scheduled for January 30, 2014. Adoption scheduled for March 27, 2014.

Note: Shaded and bold face type areas indicate changes and/or additions from previous report.

* Failure to meet any of these dates or Plan requirements, starts the 18 month sanction clock.
If requirement is not met within 18 months, the 2:1 emissions offset ratio sanction is imposed.
If requirement is still not met within 24 months, the sanction that withholds highway funds is imposed.

** Sanction clock starts with: 1) EPA letter to Governor for failure to submit or finding of incompleteness; or 2) EPA Federal Register final notice of Plan disapproval or nonimplementation.
Sanction clock stops with EPA letter to department director of finding of completeness.