

## **RULE AND SIP AGENDA**

**September 24, 2015**  
**St. Louis, MO**

### **ACTIONS FOR PUBLIC HEARING**

- \* 10 CSR 10-6.241 (amendment) Asbestos Projects—Registration, Notification and Performance Requirements

This proposed amendment will change the asbestos fee structure pursuant to 643.079.10, RSMo as summarized below:

- The registration fee will be increased from \$1,000 to \$2,650 per registration;
- The inspection fee will be increased from \$100 per inspection for the first three (3) inspections to \$200 per inspection for the first two (2) inspections;
- The abatement notification fee will be increased from \$100 to \$200 per notification; and
- The demolition fee of \$100 per project, which has not previously been collected, will now be collected.

The increased asbestos fees will enable the department's Air Pollution Control Program to maintain its asbestos program to protect the health of Missouri citizens. If the fee changes become effective January 1, 2017, affected entities will be subject to the new fees for asbestos-related activities commenced after December 31, 2016.

- \* 10 CSR 10-6.250 (amendment) Asbestos Projects—Certification, Accreditation and Business Exemption Requirements

This proposed amendment will change the asbestos fee structure pursuant to 643.079.10, RSMo as summarized below:

- The asbestos worker certification fee will be increased from \$25 to \$40 per certification;
- The non-asbestos worker certification fee will be increased from \$75 to \$100 per certification;
- The asbestos worker recertification fee will be increased from \$5 to \$20 per certification;
- The non-asbestos worker recertification fee will be increased from \$5 to \$50 per certification;
- The exam fee of \$25 per exam will be unchanged;
- The accreditation fee of \$1,000 per course category, with a cap of \$3,000, will be unchanged; and
- The exemption fee of \$250 per exemption will be unchanged.

The increased asbestos fees will enable the department's Air Pollution Control Program to maintain its asbestos program to protect the health of Missouri citizens. If the fee

changes become effective January 1, 2017, affected entities will be subject to the new fees for asbestos-related activities commenced after December 31, 2016.

**ACTIONS TO BE VOTED ON:**

- \* Missouri State Implementation Plan Revision – Infrastructure Elements for the 2012 Annual PM<sub>2.5</sub> Standard

This plan addresses infrastructure elements for the 2012 Annual Fine Particulate Matter (PM<sub>2.5</sub>) National Ambient Air Quality Standard (NAAQS), as required by Clean Air Act Section 110. The plan provides for the implementation, maintenance, and enforcement of this standard for all areas of the state. Missouri is demonstrating it has adequate resources and authority to implement the 2012 Annual PM<sub>2.5</sub> NAAQS through state laws and regulations. This plan is administrative in nature and does not establish any new requirements.

- \* Area Boundary Recommendations for the 2010 1-Hour Sulfur Dioxide Standard: July 2016 Designations

The state is recommending area designations (e.g., attainment, nonattainment, unclassifiable) for the 2010 1-hour SO<sub>2</sub> standard. The recommendations address four parts of the State of Missouri: the areas surrounding the Sikeston Power Station, Sibley Generating Station, Ameren Labadie Energy Center and the SO<sub>2</sub> monitor located in Iron County, Missouri. The U.S. Environmental Protection Agency (EPA) identified these four areas as meeting the criteria specified in the March 2, 2015 Federal Consent Decree for the next round of SO<sub>2</sub> designations. The recommendations are based on technical evaluations of these areas using air quality modeling and monitoring data, and take into consideration comments received during the public comment period. EPA will make a final decision on designations for these areas by July 2, 2016. This action will not be submitted for inclusion in the Missouri State Implementation Plan.

**October 29, 2015  
Jefferson City, MO**

**ACTIONS FOR PUBLIC HEARING**

- \* 10 CSR 10-6.060 (amendment) Construction Permits Required

This proposed amendment will change the construction permit fee structure pursuant to 643.079.10, RSMo, as summarized below:

- Increases the filing fee for de minimis, minor, and temporary source construction permits from \$100 to \$250 per application;
- Increases the filing fee for major construction permits from \$100 to \$5,000 per application;
- Increases the construction permit processing fee from \$50 per hour to \$75 per

- hour, including permit amendments; and
- Increases the Portable Source Relocation Request fee from \$200 per request to \$300 per request.

In addition, the Air Program is proposing to clarify that the construction permit processing fee begins to accrue when the Air Program receives the application.

Increased construction permit fees will contribute to funding permit work and other related activities. The Air Program intends for this increase to construction permits to cover a reasonable portion of the costs related to permitting. If these fee changes become effective on January 1, 2017, construction permit applicants will be subject to the new filing fees for applications submitted after December 31, 2016. If the new processing fee of \$75 per hour becomes effective January 1, 2017, permits in process as of December 31, 2016, will be charged \$50 per hour through December 31, 2016 and \$75 per hour for work completed from January 1, 2017 forward.

\* 10 CSR 10-6.065 (amendment) Operating Permits

This proposed amendment will change the operating permit fee structure pursuant to 643.079.10, RSMo as summarized below:

- Increases the fee for basic operating permits from \$100 to \$500 per application; and
- Increases intermediate and part 70 operating permit fees from \$100 to various amounts based on the complexity of the permit. The total filing fee is the base fee plus the sum of all applicable complexity fee items the facility is subject to at the time the permit application is submitted. Intermediate and part 70 operating permit fees will range from a minimum of \$750 to a maximum of \$6,000.

In addition, the Air Program is proposing to remove the incinerator applicability language in subsection (1)(B) that requires all owners or operators of incinerators to apply for an operating permit regardless of the amount of air emissions.

Increased operating permit fees will contribute to funding permit work and other related activities. The Air Program intends for this increase to operating permits to cover a reasonable portion of the costs related to permitting. If these fee changes become effective on January 1, 2017, businesses renewing their operating permit or applying for a new operating permit after December 31, 2016 will pay the increased fees proposed by this rulemaking.

ACTIONS TO BE VOTED ON:

\* 10 CSR 10-6.241 (amendment) Asbestos Projects—Registration, Notification and Performance Requirements

This proposed amendment will change the asbestos fee structure pursuant to 643.079.10, RSMo as summarized below:

- The registration fee will be increased from \$1,000 to \$2,650 per registration;
- The inspection fee will be increased from \$100 per inspection for the first three (3) inspections to \$200 per inspection for the first two (2) inspections;
- The abatement notification fee will be increased from \$100 to \$200 per notification; and
- The demolition fee of \$100 per project, which has not previously been collected, will now be collected.

The increased asbestos fees will enable the department's Air Pollution Control Program to maintain its asbestos program to protect the health of Missouri citizens. If the fee changes become effective January 1, 2017, affected entities will be subject to the new fees for asbestos-related activities commenced after December 31, 2016.

\* 10 CSR 10-6.250 (amendment) Asbestos Projects—Certification, Accreditation and Business Exemption Requirements

This proposed amendment will change the asbestos fee structure pursuant to 643.079.10, RSMo as summarized below:

- The asbestos worker certification fee will be increased from \$25 to \$40 per certification;
- The non-asbestos worker certification fee will be increased from \$75 to \$100 per certification;
- The asbestos worker recertification fee will be increased from \$5 to \$20 per certification;
- The non-asbestos worker recertification fee will be increased from \$5 to \$50 per certification;
- The exam fee of \$25 per exam will be unchanged;
- The accreditation fee of \$1,000 per course category, with a cap of \$3,000, will be unchanged; and
- The exemption fee of \$250 per exemption will be unchanged.

The increased asbestos fees will enable the department's Air Pollution Control Program to maintain its asbestos program to protect the health of Missouri citizens. If the fee changes become effective January 1, 2017, affected entities will be subject to the new fees for asbestos-related activities commenced after December 31, 2016.

**November, 2015**

**Date and location to be determined**

**ACTIONS FOR PUBLIC HEARING**

None Scheduled

**ACTIONS TO BE VOTED ON:**

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This proposed amendment will change the construction permit fee structure pursuant to 643.079.10, RSMo, as summarized below:

- Increases the filing fee for de minimis, minor, and temporary source construction permits from \$100 to \$250 per application;
- Increases the filing fee for major construction permits from \$100 to \$5,000 per application;
- Increases the construction permit processing fee from \$50 per hour to \$75 per hour, including permit amendments; and
- Increases the Portable Source Relocation Request fee from \$200 per request to \$300 per request.

In addition, the Air Program is proposing to clarify that the construction permit processing fee begins to accrue when the Air Program receives the application.

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In addition, the Air Program is proposing to remove the incinerator applicability language in subsection (1)(B) that requires all owners or operators of incinerators to apply for an operating permit regardless of the amount of air emissions.

Increased operating permit fees will contribute to funding permit work and other related activities. The Air Program intends for this increase to operating permits to cover a reasonable portion of the costs related to permitting. If these fee changes become effective on January 1, 2017, businesses renewing their operating permit or applying for a new operating permit after December 31, 2016 will pay the increased fees proposed by this rulemaking.

**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
<b>Rule Amendment 10 CSR 10-5.220</b> Control of Petroleum Liquid Storage, Loading and Transfer (Stage II Removal)	09-25-13	09-27-13	02-27-14	04-01-14	05-29-14	06-05-14	07-30-14 07-21-14	08-21-14	11-30-14
<b>Rule Amendment 10 CSR 10-6.040</b> Reference Methods (Updates incorporation by reference Federal promulgation dates)	10-24-13	N/A	01-15-14 03-14-14	02-18-14 04-15-14	03-27-14 05-29-14	04-03-14 06-05-14	04-24-14 07-30-14 07-21-14	06-02-14 08-21-14	08-30-14 11-30-14
<b>Rule Amendment 10 CSR 10-6.165</b> Restriction of Emission of Odors (Removes definitions)	10-31-13	N/A	01-02-14 02-18-14	02-03-14 03-17-14	03-27-14 04-24-14	04-03-14 05-01-14	04-24-14 05-29-14	06-02-14 07-02-14	08-30-14 09-30-14
<b>Rule Amendment 10 CSR 10-6.110</b> Reporting Emission Data, Emission Fees, and Process Information (Increases emission fees)	08-28-14	N/A	09-02-14	09-15-14	10-30-14	11-06-14	11-20-14	12-22-14	03-30-15
<b>Rule Amendment 10 CSR 10-6.070</b> New Source Performance Regulations (40 CFR 60 updates through 12/13)	10-13-14	N/A	<del>12-15-14</del>	<del>01-15-15</del>	<del>03-26-15</del>	<del>04-02-15</del>	<del>04-30-15</del>	<del>06-01-15</del>	<del>08-30-15</del>
----- Combining with 2014 updates -----									
<b>Rule Amendment 10 CSR 10-6.075</b> Maximum Achievable Control Technology Regulations (40 CFR 63 updates through 12/13)	10-13-14	N/A	<del>12-15-14</del>	<del>01-15-15</del>	<del>03-26-15</del>	<del>04-02-15</del>	<del>04-30-15</del>	<del>06-01-15</del>	<del>08-30-15</del>
----- Combining with 2014 updates -----									
<b>Rule Amendment 10 CSR 10-6.080</b> Emission Standards for Hazardous Air Pollutants (40 CFR 61 updates through 12/13)	10-13-14	N/A	<del>12-15-14</del>	<del>01-15-15</del>	<del>03-26-15</del>	<del>04-02-15</del>	<del>04-30-15</del>	<del>06-01-15</del>	<del>08-30-15</del>
----- Combining with 2014 updates -----									
<b>Rule Amendment 10 CSR 10-6.220</b> Restriction of Emission of Visible Air Contaminants (Fixes director discretion provision and adds exemptions and clarifications.)	10-13-14	10-21-14	<del>04-15-15</del> TBD	<del>05-15-15</del> TBD	<del>06-25-15</del> TBD	<del>07-02-15</del> TBD	<del>07-30-15</del> TBD	<del>09-01-15</del> TBD	<del>11-30-15</del> TBD
<b>New Rule 10 CSR 10-6.261</b> 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
<b>Rule Rescission 10 CSR 10-6.260</b> 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
<b>New Rule 10 CSR 10-6.372</b> Cross-State Air Pollution Rule Annual NO <sub>x</sub> Trading Allowance Allocations (Incorporates new cross-state annual NO <sub>x</sub> standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	10-01-15	12-30-15
<b>New Rule 10 CSR 10-6.374</b> Cross-State Air Pollution Rule Ozone Season NO <sub>x</sub> Trading Allowance Allocations (Incorporates new cross-state ozone season NO <sub>x</sub> standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	10-01-15	12-30-15
<b>New Rule 10 CSR 10-6.376</b> Cross-State Air Pollution Rule Annual SO <sub>2</sub> Trading Allowance Allocations (Incorporates new cross-state annual SO <sub>2</sub> standards)	02-20-15	02-09-15	05-15-15	06-15-15	08-03-15	08-10-15	08-27-15	10-01-15	12-30-15

**MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE**

<b>Rule Action</b>	<b>Draft Rule Out for Other Dept Review</b>	<b>Public Notice (Accepting Comments on Draft Rule)</b>	<b>File with Secretary of State*</b>	<b>Published in Missouri Register</b>	<b>Public Hearing</b>	<b>Public Comment Period Closes</b>	<b>Commission Vote on Rule Action</b>	<b>Last Day** to File with Secretary of State*</b>	<b>Rule Effective</b>
<b>Rule Rescission 10 CSR 10-3.160</b> 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
<b>Rule Rescission 10 CSR 10-5.120</b> 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
<b>Rule Rescission 10 CSR 10-5.130</b> Certain Coals to be Washed (Rescinds outdated rule)	04-15-15	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD
<b>Rule Amendment 10 CSR 10-6.241</b> 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	12-01-15	02-29-16
<b>Rule Amendment 10 CSR 10-6.250</b> 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	12-01-15	02-29-16
<b>Rule Amendment 10 CSR 10-6.060</b> 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	TBD	01-04-16	03-30-16
<b>Rule Amendment 10 CSR 10-6.065</b> Operating Permits (Updates operating permit fee structure)	07-23-15	N/A	08-17-15	09-15-15	10-29-15	11-05-15	TBD	01-04-16	03-30-16

Shaded blocks indicate actual completion dates.  
9/8/2015

\* Copy provided to Joint Committee on Administrative Rules

\*\* Last day to meet rule effective date shown.

**State Air Quality Plans Status Report  
August 10, 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	
LEAD 2008 Std. Infrastructure SIP aka Section 110(a) Plan	10/15/11	12/13/11		11/22/10			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)		Final Approval Effective 11/19/14			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.
NITROGEN DIOXIDE (NO <sub>2</sub> ) 2010 Std. Statewide Area Boundary Designations	1/22/11	12/30/10		2/17/12			On 1/22/10 EPA established new 1-hr NO <sub>2</sub> standard of 100 parts per billion (ppb). Annual standard of 53 ppb retained. Rule requires new near road monitors by 1/1/13. On 12/30/10 sent letter to EPA recommending all of Missouri as "unclassifiable" because future near road monitors may affect an area's classification. EPA signed letter on 6/28/11 affirming "unclassifiable/attainment" designation for all counties statewide. On 8/17/11, Missouri submitted response to EPA's 6/28/11 letter reaffirming a county by county designation of "unclassifiable/attainment". On 1/23/12, EPA sent a letter agreeing with Missouri's designations for the first round. EPA's final rule for NO <sub>2</sub> designations was released 2/17/12.
NITROGEN DIOXIDE (NO <sub>2</sub> ) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	1/22/13	4/26/13					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.							On 11/25/14 EPA proposed to lower the primary and secondary NAAQS for ozone to a range of 65-70 ppb. The 90-day comment period to end March 17, 2015 (FR 75234). EPA is expected to finalize the standard 10/1/15.
OZONE 2008 8-hour Std. Statewide Area Boundary Designations	Original Recommendation 3/12/09	Original Recommendation 3/11/09		5/21/12			On 3/12/08 EPA released a revised 8-hour ozone standard of 75 parts per billion (ppb). At that time 18 of 19 monitors statewide violated the standard. DNR held meetings throughout the state to inform potentially affected citizen as what the potential consequences of this lower standard were. On 3/11/09 DNR submitted recommended boundaries to EPA. On 9/16/09 EPA announced it would reconsider the 2008 ozone standard. EPA requested that their scientific advisors review the scientific studies used to make the recommendation of 60-70 ppb to EPA. This reconsideration put the area boundary designations on hold. On 9/2/11 the President announced that he was suspending the reconsideration.

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. Statewide Area Boundary Designations (cont.)	Revised Recommendation 10/28/11	Revised Recommendation 12/9/11					On 9/22/11, EPA released a memo clarifying how states should address the boundary recommendations previously for the 2008 standard. DNR revised the statewide boundary recommendations based on the most recent quality assured data for the 2008-2010 time frame. Public hearing held at 10/27/11 MACC meeting. MACC approved revised recommendation on 12/8/11. EPA released 120 day letter agreeing with recommended boundaries on 12/9/11, and recommending the rest of the state as "unclassifiable/attainment" On 5/21/12 EPA published final nonattainment area boundary designations in FR. St. Louis City and the counties of Franklin, Jefferson, St. Charles and St. Louis were designated marginal nonattainment. The remainder of the state was designated "unclassifiable/attainment."
OZONE 2008 8-hour Std. Infrastructure SIP aka Section 110(a) Plan	3/12/11	7/1/13			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 <i>Federal Register</i> 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.
OZONE 2008 8-hour Std. St. Louis Area Attainment Plan	7/20/14	9/4/14					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. <b>EPA is proposing to grant a 1-year attainment extension (80 FR 51992)</b>
OZONE 2008 8-hour Std. Early Progress Plan		8/16/13					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.
PM 2.5 2012 Annual Standard Statewide Area Boundary Designations	12/14/13	12/10/13					On 7/14/12 EPA proposed a revised annual PM 2.5 standard in the range of 12-13 µg/m3. A new secondary standard based on visibility was also proposed. All other PM standards (24 hour PM 10 and 24 hour PM 2.5) will remain the same. On 12/14/12 EPA finalized the annual PM 2.5 standard at 12 µg/m3. EPA chose to retain the current secondary PM standards. EPA will require near roadway monitoring requirements. Missouri does not have any monitors violating the new standard. Public notice to start on 9-30-13 Public hearing planned for 10-31-13 re-scheduled to Nov. 21, 2013 Adoption planned for 12-5-13 On 8/19/14, EPA released 120-day letter outlining EPA's intention to designate the St. Louis MSA as unclassifiable due to the invalidation of monitoring data in Illinois. Missouri originally recommended a classification of unclassifiable/attainment for the entire state. On 12/18/14, EPA issued PM2.5 nonattainment area designations. The St. Louis area classified as "unclassifiable" due to monitoring QA/QC issues in IL. The remainder of the state was classified "unclassifiable/attainment."

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 2012 Annual Standard Infrastructure SIP aka Section 110(a) Plan	12/14/15						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			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		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 determina- tions 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.
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.

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SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations Initial Round	6/2/11	7/22/11  4/26/13 (Revised Recommendation)					<p>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.</p> <p>Developing nonattainment recommendation based on monitored violations (2007-09 data) in Greene, Jackson, Jefferson Counties.</p> <p>Public hearing of proposed boundary recommendations 4/28/11.</p> <p>MACC adopted proposed SO2 boundary recommendations on 6/30/11.</p> <p>SO2 boundary recommendations submitted to EPA on 7/22/11.</p> <p>On 8/3/12 EPA published notice that they would use the additional year afforded by the CAA to finalize designations (by June 2013).</p> <p>Based on monitoring data from 2010-2012, Greene County monitors in compliance.</p> <p>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.</p> <p>Public hearing on a revised nonattainment recommendation removing Springfield, Greene Co area was held 3/28/13 with adoption on 4/25/13.</p> <p>Revised recommendation submitted to EPA on 4/26/13.</p> <p>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.</p> <p>On 5/21/13, EPA issued draft technical assistance documents for use of monitoring and modeling in future rounds of SO2 designations.</p> <p>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.</p>
SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations Future Rounds							<p>The <b>final</b> Data Requirements Rule (DRR) was published in the Federal Register <b>Aug. 21, 2015 (80 FR 51052)</b>. The DRR outlines the requirements for <b>two</b> rounds of designations for large SO2 emitting sources: <b>2017 designations and 2020 designations</b>.</p>
SULFUR DIOXIDE (SO2) 2010 Standard Statewide Area Boundary Designations Federal Consent Decree	9/18/15						<p>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.</p> <p>The agreement was finalized March 2, 2015. EPA must promulgate designations under this agreement by July 2, 2016.</p> <p>There are 4 areas of the state affected by the earlier rounds of designation. proposed boundary recommendations scheduled for public hearing 8/27/15, adoption proposed 9/24/15.</p>
SULFUR DIOXIDE (SO2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	6/2/13	7/1/13					<p>Infrastructure SIP is due three years after release of standard.</p> <p>SO2 rule stated infrastructure SIP will address areas that model noncompliance.</p> <p>Draft guidance was released for comment on 9/22/11. Comments will be accepted until 11/2/11.</p> <p>On 4/12/12 EPA announced modeling will no longer be required for infrastructure SIPs.</p> <p>Proposed plan scheduled for public hearing on 5/30/13.</p> <p>Plan adopted 6/27/13.</p>
SULFUR DIOXIDE (SO2) 2010 Std. Jefferson and Jackson (partial) Counties  Attainment Plan	4/6/15	Jefferson NAA Plan 5/29/2015 Jackson NAA Plan					<p>Initial review of nonattainment area modeling has begun.</p> <p>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.</p> <p>Jefferson County SIP public hearing April 30, 2015.</p> <p>Adopted May 28, 2015.</p> <p>Jackson County SIP public hearing June 25, 2015.</p> <p><b>Adopted Aug. 3, 2015</b></p>

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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 <i>Federal Register</i> . 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.
REGIONAL HAZE 5-Year Progress Plan	8/5/14	8/29/14					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 TRANSPORT Cross State Air Pollution Rule or CSAPR		3/30/2015					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

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REGIONAL TRANSPORT Cross State Air Pollution Rule or CSAPR (cont.)	4/1/15 (2016) 12/1/15 (2017 and beyond)	1/5/00		<b>EPA approved 2016 control period SIP (80 FR 51131)</b>			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. Missouri has developed abbreviated SIPs for the reallocation of NO <sub>x</sub> Annual and NO <sub>x</sub> 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.
111(d)/129 STATE PLAN Sewage Sludge Incinerators (SSI)	2/7/14	4/30/2013 (original) 9/18/2013 (corrected)					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)	6/30/16	2/28/14					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 <b>Final standards released Aug. 3, 2015</b>
Carbon Pollution Standards for Existing Power Plants							
PM 10 CONSENT AGREEMENT SUBMITTAL Americold Logistics, LLC		5/29/2014					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					Missouri is developing a 2 <sup>nd</sup> 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.