MISSOURI
DEPARTMENT OF
NATURAL RESOURCES
Air Pollution Control Program

RULE AND SIP AGENDA

April 30, 2015
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING

* Missouri State Implementation Plan Revision – Nonattainment Area Plan for the 2010 1-Hour Sulfur Dioxide National Ambient Air Quality Standard – Jefferson County Sulfur Dioxide Nonattainment Area

  The main purpose of this State Implementation Plan (SIP) revision is to address Clean Air Act Amendments of 1990 (CAAA) section 172(c) and section 191(a) plan requirements as applicable to the Jefferson County 2010 1-Hour Sulfur Dioxide (SO_2) Nonattainment Area (NAA). The plan's main control strategy is the permanent shutdown of operations at the Doe Run Herculaneum primary lead smelter in December 2013. The plan also relies on new SO_2 emission limits for the Rush Island, Labadie and Meramec Energy Centers, which will be enforceable through a 2015 Consent Agreement between the Missouri Department of Natural Resources and Ameren Missouri. The 2015 Consent Agreement also includes provisions for Ameren Missouri to install and operate ambient SO_2 monitors and meteorological stations around its Rush Island plant.

ACTIONS TO BE VOTED ON:

None Scheduled

May 28, 2015
Springfield, MO

ACTIONS FOR PUBLIC HEARING

None Scheduled

ACTIONS TO BE VOTED ON:

* Missouri State Implementation Plan Revision – Nonattainment Area Plan for the 2010 1-Hour Sulfur Dioxide National Ambient Air Quality Standard – Jefferson County Sulfur Dioxide Nonattainment Area

  The main purpose of this State Implementation Plan (SIP) revision is to address Clean Air Act Amendments of 1990 (CAAA) section 172(c) and section 191(a) plan requirements as applicable to the Jefferson County 2010 1-Hour Sulfur Dioxide (SO_2) Nonattainment Area (NAA). The plan's main control strategy is the permanent shutdown of operations at the Doe Run Herculaneum primary lead smelter in December 2013. The

plan also relies on new SO_2 emission limits for the Rush Island, Labadie and Meramec Energy Centers, which will be enforceable through a 2015 Consent Agreement between the Missouri Department of Natural Resources and Ameren Missouri. The 2015 Consent Agreement also includes provisions for Ameren Missouri to install and operate ambient SO_2 monitors and meteorological stations around its Rush Island plant.

June 25, 2015
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING

* 10 CSR 10-6.261 (new rule) Control of Sulfur Dioxide Emissions

This new rule will set enforceable environmental conditions and emission limits necessary to address the U.S. Environmental Protection Agency's (EPA's) 1-hour sulfur dioxide (SO_2) National Ambient Air Quality Standard (NAAQS) of 75 parts per billion (ppb) [75 Federal Register (FR) 35520, June 22, 2010]. The rule is a core component of the Missouri State Implementation Plans (SIPs) for the Jackson and Jefferson County SO_2 nonattainment areas. In addition, this proposed rule incorporates all necessary existing provisions from 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds (i.e., provisions in place prior to the 1-hour SO_2 NAAQS) in order to consolidate SO_2 requirements and reduce confusion for Missouri's SO_2 emission sources.

* 10 CSR 10-6.260 (rescission) Restriction of Emission of Sulfur Compounds

This rulemaking will rescind the current rule. The department's Air Pollution Control Program is proposing a new sulfur dioxide (SO_2) rule, 10 CSR 10-6.261 Control of Sulfur Dioxide Emissions, that addresses requirements for sources affected by the U.S. Environmental Protection Agency's initial 1-hr SO_2 National Ambient Air Quality Standard nonattainment designations. That new rule also carries forward requirements as is from 10 CSR 10-6.260 needed to maintain existing levels of SO_2 control in areas outside nonattainment areas.

ACTIONS TO BE VOTED ON:

None Scheduled

July 30, 2015
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING

None Scheduled

ACTIONS TO BE VOTED ON:

* 10 CSR 10-6.261 (new rule) Control of Sulfur Dioxide Emissions

This new rule will set enforceable environmental conditions and emission limits necessary to address the U.S. Environmental Protection Agency's (EPA's) 1-hour sulfur dioxide (SO_2) National Ambient Air Quality Standard (NAAQS) of 75 parts per billion (ppb) [75 Federal Register (FR) 35520, June 22, 2010]. The rule is a core component of the Missouri State Implementation Plans (SIPs) for the Jackson and Jefferson County SO_2 nonattainment areas. In addition, this proposed rule incorporates all necessary existing provisions from 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds (i.e., provisions in place prior to the 1-hour SO_2 NAAQS) in order to consolidate SO_2 requirements and reduce confusion for Missouri's SO_2 emission sources.

* 10 CSR 10-6.260 (rescission) Restriction of Emission of Sulfur Compounds

This rulemaking will rescind the current rule. The department's Air Pollution Control Program is proposing a new sulfur dioxide (SO_2) rule, 10 CSR 10-6.261 Control of Sulfur Dioxide Emissions, that addresses requirements for sources affected by the U.S. Environmental Protection Agency's initial 1-hr SO_2 National Ambient Air Quality Standard nonattainment designations. That new rule also carries forward requirements as is from 10 CSR 10-6.260 needed to maintain existing levels of SO_2 control in areas outside nonattainment areas.

MISSOURI DEPARTMENT OF NATURAL RESOURCES

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 10-6.200 Hospital, Medical, infectious Waste Incinerators (Removes SSM exemption from emission limits)	06-14-13	N/A	~~07-30-13~~ 11-01-13	~~09-03-13~~ 12-02-13	~~10-31-13~~ 01-30-14	~~11-07-13~~ 02-06-14	~~12-05-13~~ 03-27-14	~~01-15-14~~ 04-29-14	~~03-30-14~~ 07-30-14
Rule Rescission 10 CSR 10-5.240 Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area (Rescinds outdated rule)	08-13-13	N/A	10-09-13	11-15-13	01-30-14	02-06-14	03-27-14	04-29-14	07-30-14
Rule Amendment 10 CSR 10-6.010 Ambient Air Quality Standards (NAAQS update)	09-10-13	N/A	11-15-13	12-16-13	01-30-14	02-06-14	03-27-14	04-29-14	07-30-14
Rule Amendment 10 CSR 10-5.220 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
Rule Amendment 10 CSR 10-6.040 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
Rule Amendment 10 CSR 10-6.165 Restriction of Emission of Odors (Remove 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
Rule Amendment 10 CSR 10-6.110 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
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (40 CFR 60 updates through 12/13)	10-13-14	N/A	~~12-15-14~~ TBD	~~01-15-15~~ TBD	~~03-26-15~~ TBD	~~04-02-15~~ TBD	~~04-30-15~~ TBD	~~06-01-15~~ TBD	~~08-30-15~~ TBD
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (40 CFR 63 updates through 12/13)	10-13-14	N/A	~~12-15-14~~ TBD	~~01-15-15~~ TBD	~~03-26-15~~ TBD	~~04-02-15~~ TBD	~~04-30-15~~ TBD	~~06-01-15~~ TBD	~~08-30-15~~ TBD
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (40 CFR 61 updates through 12/13)	10-13-14	N/A	~~12-15-14~~ TBD	~~01-15-15~~ TBD	~~03-26-15~~ TBD	~~04-02-15~~ TBD	~~04-30-15~~ TBD	~~06-01-15~~ TBD	~~08-30-15~~ TBD
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	05-15-15	06-25-15	07-02-15	07-30-15	09-01-15	11-30-15
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	07-30-15	09-01-15	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	07-30-15	09-01-15	11-30-15

MISSOURI DEPARTMENT OF NATURAL RESOURCES

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
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	06-01-15	07-30-15	08-06-15	08-27-15	08-28-15	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	06-01-15	07-30-15	08-06-15	08-27-15	08-28-15	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	06-01-15	07-30-15	08-06-15	08-27-15	08-28-15	12-30-15

Shaded blocks indicate actual completion dates.
4/10/2015

* Copy provided to Joint Committee on Administrative Rules

** Last day to meet rule effective date shown.

MISSOURI DEPARTMENT OF NATURAL RESOURCES

State Air Quality Plans Status Report
April 6, 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)					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_2) 2010 Std. Statewide Area Boundary Designations	1/22/11	12/30/10		2/17/12			On 1/22/10 EPA established new 1-hr NO2 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 NO2 designations was released 2/17/12.
NITROGEN DIOXIDE (NO_2) 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.							On11/25/14 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 publised 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		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.
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 Stl 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.
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.
OZONE 1997 8-hour Std. St. Louis Area Attainment Plan		RACT element submitted 1/5/07 Inventory element submitted 06/12/06 Attainment plan submitted 06/13/07 Plan withdrawn 6/21/11	Complete 12/21/07				VOC and NOx RACT elements adopted by MACC on 12/7/06. Public hearing for 8-hr ozone attainment plan revision 4/26/07. Public hearing for inventory element 4/27/06, adopted 05/25/06. MACC adopted 8-hr ozone plan revision 5/31/07. On 6/21/11 Missouri withdrew the 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 8-hour Ozone Std - St. Louis Area Maintenance Plan for further updates.
OZONE 1997 8-hour Std. St. Louis Area Maintenance Plan				6/9/11 - EPA issued final rule stating that the area monitored three years of attainment of the standard. 7/21/11 - EPA issued direct final rule approving NOx RACT waiver.			On 12/4/09, DNR submitted letter to EPA advising St. Louis 2007-09 monitoring data is in attainment and requesting verification of attainment. Began incorporating latest Control Technique Guidelines (CTG's) into rules to satisfy RACT requirements, a condition of redesignation: ind surface coating, rotogravure & flexographic printing, litho & letterpress printing, solvent cleaning. Public hearing for proposed CTG rulemakings on 3/30/11. Public hearing for revised VOC RACT on 3/30/11 element (originally submitted 1/5/07). MACC adopted CTG rulemakings on 4/28/11. MACC adopted VOC RACT demonstration update on 4/28/11.

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 1997 8-hour Std. St. Louis Area Maintenance Plan (cont.)		Revised RACT element submitted 5/25/11 Maintenance Plan submitted 10/28/11 Maintenance Plan submitted 4/25/14		Revised RACT given conditional approval 1/23/12 Revised RACT given full approval 1/6/2014 Final Approval 2/20/2015 80 FR 9207			VOC RACT demonstration update submitted to EPA on 5/25/11. EPA issued direct final rule approving the NOx RACT waiver on 7/21/11. On 9/9/11 Missouri submitted a letter to withdraw the NOx portion of the 2006 RACT demonstration. Public hearing for the maintenance plan was held 9/29/11. MACC adopted maintenance plan and redesignation request on 10/27/11. Plan was submitted to EPA on 10/28/11. On 1/23/12 EPA issued the final rule approving VOC RACT and CTG rules, conditional on submittal of the Solvent Cleaning Rule after it is amended. On 4/30/12 EPA issued finding that the area attained the standard by attainment date. In 2012, the ozone monitor at the West Alton site recorded values that violated the 1997 standard for the 2010-2012 period. On May 4, 2012, Missouri submitted a SIP revision to meet the requirement to adopt RACT for sources covered by EPA's CTG for Industrial Cleaning Solvents. On January 6, 2014, EPA approved VOC RACT rule for solvent cleaning, satisfying the requirements of EPA's conditioned approval on 1/23/12. With clean data for 2011-2013, redesignation to attainment can proceed. Missouri is in the process of developing a redesignation request and maintenance plan to revise and update the previous maintenance plan. Public hearing proposed for March 27, 2014. Adopted on 4-24-14
OZONE 1997 8-hour Std. St. Louis Area Inspection/Maintenance (I/M) Plan		12/7/07 6/10/09 PHEV Exemption 12/10/12	Complete 4/15/08	Final Approval 3/3/2015 80 FR 9923			Two bills, SB583 and HB1532, were proposed during the 2006 legislative session. SB583 signed into law on 6/30/06. 643.303 RSMo requires the MACC to design and implement a decentralized (test-and-repair) I/M program on 9/1/07. 1996 and newer gasoline-powered vehicles and 1997 and newer diesel-powered vehicles will be tested with an OBD test at licensed emissions inspection stations. 1995 and older model year vehicles will be exempt from an emissions inspection requirement. All counties in the nonattainment area will have the same inspection requirements. MACC adopted rule 4/26/07. Rule becomes effective 8/30/07. MACC adopted I/M plan on 12/6/07. On 5/29/07 contract awarded to SysTech International. Plan being revised to clarify I/M rule requirements. Public hearing on rule amendment 12/4/08. MACC adopted rule amendment 2/3/09. The Missouri legislature passed HB 354 during the 2011 session. It exempts plug-in hybrid electric vehicles (PHEV) from the I/M program. 10 CSR 10-5.381 is being proposed for amendment to exempt PHEVs. During the 60 day comment period, EPA requested that a demonstration be completed to show this exemption would not negatively impact the I/M program. The demonstration verified there is no impact on the I/M program nor the continued attainment of the 1997 standard because of this exemption. Amendment adding PHEV exemption to 5.381 adopted 8/30/12 and submitted to EPA on 12/10/12.
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 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.

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 Statewide Area Boundary Designations (cont.)							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."
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. Initial stages of review started.
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 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.
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					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.

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 Initial Round (cont.)		4/26/13 (Revised Recommendation)					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 Future Rounds							The proposed Data Requirements Rule (DRR) was published in the Federal Register May 13, 2014. The DRR outlines the requirements for future rounds of designations for large SO2 emitting sources. Final rule expected mid 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. Hearing befor the judge scheduled in October 2014. **The agreement was finalized March 2, 2015. EPA must promulgate designations under this agreement by July 2, 2016.**
SULFUR DIOXIDE (SO2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	6/2/13	7/1/13					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						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.** **Jackson County SIP public hearing June 25, 2015.**
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			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.

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 2008 Regional Haze Plan (cont.)				On 2/28/12 EPA proposed limited approval of the rest of the plan.			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.
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							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.

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 Cross State Air Pollution Rule or CSAPR (cont.)							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.
REGIONAL TRANSPORT Clean Air Interstate Rule (CAIR) and Clean Air Mercury Rule (CAMR) and Mercury and Air Toxics Standards (MATS)		CAIR rules submitted 3/8/07 (Preliminary) 5/10/07 (Final) CAMR rule submitted 5/10/07 (Final)	CAIR Complete 6/14/07 N/A	9/17/07 - EPA proposed approval Approved 12/14/07 9/27/07 - EPA proposed approval Approved 1/17/08			On 3/15/05, EPA issued the Clean Air Interstate Rule (CAIR) to reduce air pollution that moves across state boundaries, and issued the Clean Air Mercury Rule (CAMR) to permanently cap and reduce mercury emissions from coal-fired power plants. On 8/24/05, EPA proposed Federal Implementation Plan (FIP) to Reduce Interstate Transport of Fine Particulate Matter and Ozone, and a FIP for CAIR for May 2006 implementing a federal regional trading program identical to CAIR's SO2/NOx program. CAIR/CAMR rules public hearing 12/7/06. On 2/8/08, the D.C. Court of Appeals vacated and remanded CAMR and EPA's rules delisting electric generating units from the Clean Air Act section 112 and regulating them under section 111. On 7/11/08, the D.C. Court of Appeals vacated CAIR in its entirety and remanded to EPA to promulgate a rule consistent with court's opinion. On 12/23/08, the D.C. Circuit Court of Appeals remanded to EPA to rewrite the shortcomings of CAIR without vacatur. CAIR will remain in effect until EPA promulgates a revised rule to address the failings identified by the court on 7/11/08. On 12/28/11, CAIR was put back in place with the stay of CSAPR. On 2/16/12, EPA released Mercury and Air Toxics Standards or MATS to replace CAMR requirements. On 8/28/12 EPA issued a partial stay on the new source requirements in the Utility MACT. This stay is not expected to have any effect on EGUs in Missouri. On 8/21/12 the D.C. Court of Appeals vacated CSAPR stating it had numerous fatal flaws. CAIR will remain in place for now. On 10/5/12 the EPA requested that the Court of Appeals grant a petition for a rehearing of CSAPR. With CAMR vacated, state rule 10 CSR 10-6.368 was rescinded. Rescission adopted on 2/5/13.
111(d)/129 STATE PLAN Sewage Sludge Incinerators (SSI) Commercial and Industrial Solid Waste Incinerators (CISWI) Carbon Pollution Standards for Existing Power Plants	 2/7/14 6/30/16	4/30/2013 (original) 9/18/2013 (corrected) 2/28/14					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). 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 Executive order in the President's Climate Action Plan released June 2013 outlining requirements for addressing carbon pollution. Proposed standards expected for release Jun-2014. Final standards expected Summer 2015.
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.

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	
CO 1971 8-hour Std. St. Louis Area Maintenance Plan		4/3/14					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.