

RULE AND SIP AGENDA

February 2, 2012
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING:

- * 10 CSR 10-2.385 (amendment) Control of Heavy Duty Diesel Vehicle Idling Emissions
10 CSR 10-5.385 (amendment) Control of Heavy Duty Diesel Vehicle Idling Emissions

These proposed amendments will clarify the current rules by listing owners and operators of passenger load/unload locations where commercial, public, and institutional heavy-duty diesel vehicles load or unload passengers in the applicability section of the current rule. The affected parties were unintentionally omitted from the applicability section of the rule even though they are required to comply with the rule in the general provisions section.

ACTIONS TO BE VOTED ON:

- * 10 CSR 10-5.040 (amendment) Use of Fuel in Hand-Fired Equipment Prohibited

This proposed amendment will allow the burning of certain fuels, such as clean wood and biomass, in non-residential hand-fired equipment in the St. Louis Metropolitan area. Combustion practices and restrictions will be specified to ensure the equipment is operated in an environmentally-sound manner.

- * 10 CSR 10-5.455 (amendment) Control of Emissions from Industrial Solvent Cleaning Operations

This proposed amendment will incorporate a change requested during the public comment period on a recent rulemaking that was not integrated into the rule text in the manner intended by the commenter. The rule change will incorporate equipment cleaning work practices as a compliance option for manufacturers of coatings, inks, and resins in the St. Louis area.

- * 10 CSR 10-5.130 (amendment) Certain Coals to be Washed

This proposed amendment will update the area specific indirect heating rule references in the rule with the new statewide consolidated indirect heating rule 10 CSR 10-6.405 that was adopted by the Missouri Air Conservation Commission on June 30, 2011.

- * 10 CSR 10-6.020 (amendment) Definitions and Common Reference Tables

This proposed amendment will update the area specific indirect heating rule references in the rule with the new statewide consolidated indirect heating rule 10 CSR 10-6.405 that

was adopted by the Missouri Air Conservation Commission on June 30, 2011. At the same time, this rulemaking adds definitions of particulate matter for consistency with a December 2010 federal register notice that updated the federal definitions of particulate matter and removes the reference to 10 CSR 10-6.010 which is not necessary because it is redundant to national ambient air quality standards.

- * 10 CSR 10-6.400 (amendment) Restriction of Emission of Particulate Matter From Industrial Processes

This proposed amendment will update the area specific indirect heating rule references in the rule purpose with the new statewide consolidated indirect heating rule 10 CSR 10-6.405 that was adopted by the Missouri Air Conservation Commission on June 30, 2011.

- * 10 CSR 10-5.490 (amendment) Municipal Solid Waste Landfills

This proposed amendment will update the rule to maintain consistency with the federal emission guidelines for municipal solid waste landfills, subpart Cc, that were published in the Federal Register on April 10, 2000, October 17, 2000, and September 21, 2006.

These updates corrected typographical and formatting errors and corrected inconsistencies from previous final rule actions. At the same time, additional language and formatting changes are being made for consistency with 10 CSR 10-6.310. Note that definitions proposed for removal in this rulemaking have been added to the general definition rule, 10 CSR 10-6.020.

- * 10 CSR 10-6.310 (amendment) Restriction of Emissions from Municipal Solid Waste Landfills

This proposed amendment will update the rule to maintain consistency with the federal emission guidelines for municipal solid waste landfills, subpart Cc, that were published in the Federal Register on April 10, 2000, October 17, 2000, and September 21, 2006.

These updates corrected typographical and formatting errors and corrected inconsistencies from previous final rule actions. Note that definitions proposed for removal in this rulemaking have been added to the general definition rule, 10 CSR 10-6.020.

March 29, 2012
Jefferson City

ACTIONS FOR PUBLIC HEARING:

(None Scheduled)

ACTIONS TO BE VOTED ON:

- * 10 CSR 10-2.385 (amendment) Control of Heavy Duty Diesel Vehicle Idling Emissions

10 CSR 10-5.385 (amendment) Control of Heavy Duty Diesel Vehicle Idling Emissions

These proposed amendments will clarify the current rules by listing owners and operators of passenger load/unload locations where commercial, public, and institutional heavy-duty diesel vehicles load or unload passengers in the applicability section of the current rule. The affected parties were unintentionally omitted from the applicability section of the rule even though they are required to comply with the rule in the general provisions section.



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 10-5.480 St. Louis Area Transportation Conformity Requirements (Updates consultation process to meet latest federal requirements)	04-07-10	N/A	07-01-10	08-02-10	09-30-10	10-07-10	10-28-10	12-01-10	02-28-11
Rule Amendment 10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes (Includes an alternative compliance method for wet corn milling drying operations)	04-28-10	N/A	07-01-10	08-02-10	09-30-10	10-07-10	10-28-10	12-01-10	02-28-11
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (40 CFR 60 updates through 12/09)	04-28-10	N/A	06-18-10	08-02-10	09-30-10	10-07-10	10-28-10	12-01-10	02-28-11
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (40 CFR 63 updates through 12/09)	04-28-10	N/A	06-18-10	08-02-10	09-30-10	10-07-10	10-28-10	12-01-10	02-28-11
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (40 CFR 61 updates through 12/09)	04-28-10	N/A	06-18-10	08-02-10	09-30-10	10-07-10	10-28-10	12-01-10	02-28-11
New Rule 10 CSR 10-6.405 Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used For Indirect Heating (Consolidates area specific particulate matter from fuel burning equipment rules into one statewide rule)	10-21-08	09-23-10	02-25-11	04-01-11	05-26-11	06-02-11	06-30-11	08-01-11	10-30-11
Rescission 10 CSR 10-2.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating (Rule being replaced with 10 CSR 10-6.405)	10-21-08	N/A	02-25-11	04-01-11	05-26-11	06-02-11	06-30-11	08-01-11	10-30-11
Rescission 10 CSR 10-3.060 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating (Rule being replaced with 10 CSR 10-6.405)	10-21-08	N/A	02-25-11	04-01-11	05-26-11	06-02-11	06-30-11	08-01-11	10-30-11
Rescission 10 CSR 10-4.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating (Rule being replaced with 10 CSR 10-6.405)	10-21-08	N/A	02-25-11	04-01-11	05-26-11	06-02-11	06-30-11	08-01-11	10-30-11
Rescission 10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating (Rule being replaced with 10 CSR 10-6.405)	10-21-08	N/A	02-25-11	04-01-11	05-26-11	06-02-11	06-30-11	08-01-11	10-30-11
Rule Amendment 10 CSR 10-6.200 Hospital, Medical, Infectious Waste Incinerators (Updates emission limits, waste management plans, compliance and performance testing, and reporting and recording to match federal changes)	07-01-10	07-13-10	11-26-10	01-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-5.330 Control of Emissions From Industrial Surface Coating Operations (Exempts facilities regulated under other VOC rules and incorporates RACT changes for surface coating operations for consistency with current federal RACT guidance)	07-01-10	07-13-10	11-30-10	01-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11

Shaded blocks indicate actual completion dates.
1-13-12

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** Last day to meet rule effective date shown.


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Rule Amendment 10 CSR 10-5.455 Control of Emissions from Solvent Cleanup Operations (Lowers allowable emission threshold for VOC's released from the use, storage and disposal of industrial cleaning solvents for consistency with current federal RACT guidance)	07-01-10	07-13-10	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-5.340 Control of Emissions From Rotogravure and Flexographic Printing Facilities (Updates to include specific emission limits of VOC's for flexible package printing operations for consistency with current federal RACT guidance)	07-01-10	07-13-10	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-5.442 Control of Emissions from Lithographic Printing Operations (Updates to include specific emission limits of VOC's for both offset lithographic and letterpress printing operations for consistency with current federal RACT guidance)	07-01-10	07-13-10	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Incorporates permitting requirements to cover both new construction projects or modifications at existing facilities that increase greenhouse gas emissions, and incorporates federal revisions to the PSD and NSR programs).	09-08-10	09-10-10	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-6.065 Operating Permits (Incorporates permitting requirements to cover both new construction projects or modifications at existing facilities that increase greenhouse gas emissions, and to align the operating permit public notice procedure with federal requirements).	09-08-10	09-10-10	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-6.020 Definitions and Common Reference Tables (Adds all Division 10 definitions into this one rule)	10-13-10	N/A	11-30-10	04-03-11 2-15-11	02-03-11 03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-6.300 Conformity of General Federal Actions to State Implementation Plans (Amends rule to comply with recent federal general conformity rule)	10-19-10	N/A	01-05-11	02-15-11	03-31-11	04-07-11	04-28-11	05-31-11	08-30-11
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (40 CFR 60 updates through 12/10)	04-18-11	N/A	07-01-11	08-01-11	09-29-11	10-06-11	10-27-11	11-28-11	02-29-12
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (40 CFR 63 updates through 12/10)	04-18-11	N/A	07-01-11	08-01-11	09-29-11	10-06-11	10-27-11	11-28-11	02-29-12
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (10 CFR 61 updates through 12/10)	04-18-11	N/A	07-01-11	08-01-11	09-29-11	10-06-11	10-27-11	11-28-11	02-29-12

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Rule Amendment 10 CSR 10-5.130 Certain Coals to be Washed (Updates indirect heating rule references)	06-16-11	N/A	09-16-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-6.020 Definitions and Common Reference Tables (Updates indirect heating rule references and adds new federal particulate matter definitions)	06-16-11	N/A	09-16-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes (Updates indirect heating rule references)	06-16-11	N/A	09-16-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment (Addresses variance request by allowing use of specific alternative fuels in non-residential hand-fired equipment in St. Louis metropolitan area)	06-16-11	07-06-11	09-26-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-5.490 Municipal Solid Waste Landfills (Updates rule for consistency with federal standards)	07-08-11	N/A	09-26-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-6.310 Municipal Solid Waste Landfills (Updates rule for consistency with federal standards)	07-08-11	N/A	09-26-11	11-01-11	12-08-11	12-15-11	02-02-12	03-14-12	05-30-12
Rule Amendment 10 CSR 10-2.385 Control of Heavy Duty Diesel Vehicle Idling Emissions (Fixes discrepancy between applicability and general provisions sections of rule)	07-08-11	07-12-11	10-28-11	12-01-11	02-02-12	02-09-12	03-29-12	05-01-12	07-30-12
Rule Amendment 10 CSR 10-5.385 Control of Heavy Duty Diesel Vehicle Idling Emissions (Fixes discrepancy between applicability and general provisions sections of rule)	07-08-11	07-12-11	10-28-11	12-01-11	02-02-12	02-09-12	03-29-12	05-01-12	07-30-12
Rule Amendment 10 CSR 10-5.455 Control of Emission from Industrial Solvent Cleaning Operations (Incorporates change requested during public comment period that was not integrated into text as intended by commentor)	07-22-11	N/A	09-16-11	11-01-11	11-01-11	11-01-11	02-02-12	03-14-12	05-30-12
Rescission 10 CSR 10-6.010 Ambient Air Quality Standards (Removes redundant rule that restated federal rule)	09-16-11	N/A	12-01-11 On Hold	01-03-12 On Hold	03-29-12 On Hold	04-05-12 On Hold	04-26-12 On Hold	06-01-12 On Hold	08-30-12 On Hold
Rule Amendment 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds (Removes reference to outdated SO ₂ standard and outdated compliance dates)	09-16-11	N/A	01-17-12	02-15-12	03-29-12	04-05-12	04-26-12	06-01-12	08-30-12
Rule Amendment 10 CSR 10-6.410 Emissions Banking and Trading (Removes 6.010 reference in NAAQS definition)	09-16-11	N/A	01-17-12	02-15-12	03-29-12	04-05-12	04-26-12	06-01-12	08-30-12
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Biogenic CO ₂ Deferral on PSD and Title V permit requirements)	10-14-11	10-18-11	02-01-12	03-01-12	04-26-12	05-03-12	05-31-12	07-02-12	09-30-12

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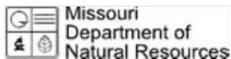
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Rule Amendment 10 CSR 10-6.065 Operating Permits (Biogenic CO ₂ Deferral on PSD and Title V permit requirements)	10-14-11	10-18-11	02-01-12	03-01-12	04-26-12	05-03-12	05-31-12	07-02-12	09-30-12
Rule Amendment 10 CSR 10-6.372 Cross-State Air Pollution Rule Annual NO _x Trading Allowance Allocations (Reallocates annual NO _x allowances beginning 2014)	12-16-11	12-20-11	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.374 Cross-State Air Pollution Rule Ozone Season NO _x Trading Allowance Allocations (Reallocates ozone season NO _x allowances beginning 2014)	12-16-11	12-20-11	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-6.376 Cross-State Air Pollution Rule Annual SO ₂ Trading Allowance Allocations (Reallocates annual SO ₂ allowances beginning 2014)	12-16-11	12-20-11	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rule Amendment 10 CSR 10-5.381 On-Board Diagnostics Motor Vehicle Emissions Inspection (Adds exemption for plug-in hybrid electric vehicles)	12-23-11	12-23-11	05-15-12	06-15-12	07-25-12	08-01-12	08-30-12	10-01-12	12-30-12

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State Air Quality Plans Status Report
January 12, 2012

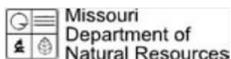
POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	Sanction Clock Date **		Comments
					Start	Stop	
CARBON MONOXIDE (CO) 2010 Std.	EPA declared all monitors nationwide attained the standard, thus no action required	N/A					On 8/12/11 EPA issued a final rule that the standard would remain at the same level as the previous standards (9 parts per million (ppm) over 8 hours and 35 ppm over 1 hour). EPA is also requiring new "near road" monitors. The St. Louis area must have one in operation by 1/1/15; Kansas City 1/1/17. All current CO monitors attain this standard.
CARBON MONOXIDE (CO) Infrastructure SIP aka Section 110(a) Plan	8/12/14						Infrastructure SIP is due three years after the release of a standard.
LEAD 2008 Std. Doe Run - Buick/Viburnum Trend Boundary Designation	10/15/09	12/28/09					MACC adopted designation recommendation 12/3/09. On 12/28/09, DNR submitted boundary designation recommendation to EPA. On 6/11/10, received letter from EPA that they are in agreement with the designation recommendation. On 11/22/10 EPA published approval of the lead nonattainment boundary. On 6/24/11 EPA signed a letter confirming that the remainder of the state was designated as "unclassifiable/attainment" under the new lead standard. Letter sent responding to EPA agreeing to revised recommendation dated 7/13/11.
LEAD 2008 Std. Doe Run - Herculaneum 2008 Lead Boundary Designation	10/15/09	12/28/09					MACC adopted designation recommendation 12/3/09. On 12/28/09, DNR submitted boundary designation recommendation to EPA. On 6/11/10, received letter from EPA that they are in agreement with designation recommendation. On 11/22/10 EPA published approval of the lead nonattainment boundary. On 6/24/11 EPA signed a letter confirming that the remainder of the state was designated as "unclassifiable/attainment" under the new lead standard. Letter sent responding to EPA agreeing to revised recommendation dated 7/13/11.
LEAD 2008 Std. Infrastructure SIP aka Section 110(a) Plan	10/15/11	12/13/2011					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.
LEAD 2008 Std. Doe Run - Buick/Viburnum Trend 2008 Lead Attainment Plan	6/30/12						
LEAD 2008 Std. Doe Run - Herculaneum 2008 Lead Attainment Plan	6/30/12						
LEAD 1978 Std. Doe Run - Buick 1978 Lead Maintenance Plan							Plan to be revised to reflect new prevention of significant deterioration (PSD) permit production conditions. MACC granted variance on 2/7/08 and rulemaking is being developed. MACC adopted rule amendment 4/30/09. On 6/11/10, DNR received contingency measures from Doe Run for evaluation. On 9/27/10, DNR sent proposed contingency measures to EPA to amend SIP. The proposed contingency measures are currently being evaluated for the Buick Attainment Plan for the 2008 Lead NAAQS

State Air Quality Plans Status Report
 January 12, 2012

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	Sanction Clock Date **		Comments
					Start	Stop	
LEAD 1978 Std. Glover Lead Maintenance Plan - Doe Run/formerly ASARCO		1/26/04		6/30/04 - EPA proposed approval effective 8/30/04 unless adverse comments received by 7/30/04 Direct final rule withdrawn 8/24/04 due to adverse comment 10/29/04 - EPA granted final approval - effective 11/29/04			On 12/1/03, Glover smelter ceased operations w/ plans to reopen in the future. DNR advised Doe Run that certain emission compliance and maintenance plan reporting requirements could be discontinued until plant restart. DNR discontinued monitoring June 2004. DNR retains ability to restart monitoring should plant begin smelting. On 10/29/04, EPA published final rule addressing adverse comment, redesignated area to On 10/29/04, EPA published final rule addressing adverse comment, attainment for Lead and approved Maintenance Plan. Doe Run utilizing unloading building to store and transport concentrate ores. On 12/18/09, DNR recommended Glover as attainment for 2008 NAAQS.
LEAD 1978 Std. Doe Run - Herculaneum 1978 Lead Attainment Plan		5/25/07	Complete 11/30/07	10/8/08 - EPA proposed conditional approval based on forthcoming SIP revisions to meet all applicable requirements 8/27/10 - EPA proposed approval			On 12/19/05, EPA issued a proposed SIP call for Doe Run-Herculaneum nonattainment area. On 4/14/06, EPA published final SIP call which established new SIP submittal deadline of 4/7/07. MACC adopted plan 4/26/07. On 5/10/07, Consent Judgment filed in Jefferson County Court.
		8/29/09		8/27/10 - EPA proposed approval			EPA requested a revision to the SIP submitted to formalize the building ventilation requirements. On 10/8/08, DNR received Doe Run proposed building ventilation requirements for review. On 2/9/09, DNR received revised building ventilation study results for review. On 5/18/09, received completed building ventilation study. Public hearing for proposed building ventilation study limits 6/25/09. MACC adopted building ventilation study 7/29/09.
							On 3/7/11 Doe Run proposed a slight modification to the language in the Consent Judgment. This language would continue to prohibit pyrometallurgical smelting and sintering beyond the facility's original fence line, but would allow for hydrometallurgical process to take between the original and new fence lines. This language change was approved by the AGO's office. Public hearing for proposed Consent Judgment and SIP revision was held 4/28/11. MACC adopted revision to Consent Judgment and SIP on 6/30/11.
NITROGEN DIOXIDE (NO2) 2010 Std. NO2 Area Designations	1/22/11	12/30/10					On 1/22/10 EPA tightened the NO2 standard. The new standard is a one hour standard measured at 100 parts per billion (ppb). EPA also chose to keep an annual standard of 53 ppb. New monitoring requirements in the rule will require monitoring of NO2 near roadways. These monitors must be in place by 1/1/13. All monitors in Missouri currently meet the new hour and previous annual standards. On 12/30/10 a letter was sent to Region 7 recommending that all of Missouri be designated as "unclassifiable" because future near roadway monitors may affect an area's classification. On 1/18/11 EPA acknowledged receipt of the NO2 designation letter. 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"
NITROGEN DIOXIDE (NO2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	1/22/13						Infrastructure SIP is due three years after the release of a standard.

State Air Quality Plans Status Report
January 12, 2012

POLLUTANT Pollutant Standard Planning Stage	Deadline for Submitting to EPA *	Date Submitted to EPA *	EPA's Completion Finding *	EPA's Approval Finding *	Sanction Clock Date **		Comments
					Start	Stop	
OZONE 2008 8-hour Std. Statewide Area Ozone Boundary Designations	3/12/09 10/28/11	3/11/09 12/9/11					<p>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. 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.</p> <p>MACC approved revised recommendation on 12/8/11. EPA released 120 day letter agreeing with recommended boundaries on 12/9/11.</p>
OZONE 2008 8-hour Std. Infrastructure SIP aka Section 110(a) Plan	3/12/11						<p>Infrastructure SIP is due three years after the release of a standard. No action has been taken yet due to postponed actions on standard.</p>
OZONE 1997 8-hour Std. St. Louis 1997 8-Hour Ozone Boundary Designation	7/15/03	8/1/03					<p>In July 2000, DNR submitted original recommendation on 8-hr ozone nonattainment boundaries. Following court actions, EPA requested revised boundary recommendations from all states using the most recent monitored data. MACC adopted boundary recommendation 7/24/03. On 4/30/04, EPA designated St Louis as Moderate for 8-hr Ozone NAAQS.</p>
OZONE 1997 8-hour 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 7/11/11 - EPA approved all other elements of the plan.			<p>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.</p>
OZONE 1997 8-hour Std. St. Louis 1997 8-Hour Ozone Attainment Plan		RACT element submitted 1/5/07 Inventory element submitted 06/12/06 Attainment plan submitted 06/13/07 Plan withdrawal submitted 6/21/11 Revised RACT element submitted 5/25/11	Complete 12/21/07				<p>VOC and NOx RACT elements adopted on 12/7/06. Public hearing for 8-hr ozone plan revision 4/26/07. Public hearing for inventory element 4/27/06, adopted 05/25/06. Public hearing for 8-hr ozone attainment plan revision 4/26/07. MACC adopted 8-hr ozone plan revision 5/31/07. EPA is reviewing the Inspection/Maintenance plan revision submitted 12/7/07 as an element of the 8-hour ozone proposal. EPA is reviewing the updated RACT demonstration submitted 5/25/11. On 6/21/11 Missouri withdrew the attainment plan and reasonable further progress plan from EPA's consideration. 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. EPA proposed approval of the RACT rules and both portions of the VOC RACT demonstration on 10/25/11.</p>



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OZONE 1997 8-hour Std. St. Louis Area Inspection/Maintenance (I/M) Plan		12/7/07	Complete 4/15/08				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.
		6/10/09					Plan being revised to clarify I/M rule requirements. Public hearing on rule amendment 12/4/08. MACC adopted rule amendment 2/3/09.
OZONE 1997 8-hour Std. St. Louis 1997 8-Hour Ozone Maintenance Plan		Revised RACT element submitted 5/25/11		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 attainment redesignation. Public hearing for proposed CTG rulemakings on 3/30/11. Public hearing for revised VOC RACT on 3/30/11 element first submitted on 1/5/07. MACC adopted CTG rulemakings on 4/28/11. MACC adopted VOC RACT demonstration update on 4/28/11. 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. EPA proposed approval of the RACT rules and both portions of the VOC RACT demonstration on 10/25/11. MACC adopted maintenance plan and redesignation request on 10/27/11. Plan was submitted to EPA on 10/28/11.
OZONE 1997 8-hour Std. Kansas City 1997 8-Hour Ozone Boundary Designation	7/15/03	8/1/03					On 7/24/03, MACC adopted nonattainment boundary recommendations for the Kansas City Area, based on 2000-2002 data EPA noted that 2001-2003 data showed Kansas City to be in attainment. In 12/03 EPA provided the department with a chance to revise the designation. On 4/30/04, EPA designated Kansas City as Unclassifiable/Attainment for 8-hr Ozone NAAQS. On 12/21/04, DNR submitted letter to EPA to certify monitoring data is in attainment and requesting verification of attainment. On 5/3/05, EPA redesignated Kansas City as Attainment for 8-hr Ozone NAAQS, thus requiring a maintenance plan due to the area's previous status as nonattainment and then attainment for the one hour standard.
OZONE 1997 8-hour Std. Kansas City 1997 8-Hour Ozone Maintenance Plan		5/18/07	Complete 7/13/07	8/9/07 - EPA granted direct final approval effective 10/9/07 3/11/11 - EPA granted direct final approval of idling rules effective 5/2/11			On 3/29/05, MARC approved Clean Air Action Plan (CAAP). Public Hearing on plan 3/29/07. MACC adopted plan 4/26/07. On 10/9/07, Phase I contingency measures were triggered by verified 8-hour ozone violations during the 2007 ozone season. Public Hearing on Idling rule 9/25/08 to implement contingency control measures. MACC adopted Idling rule 10/30/08. Developing agreements with sources for Maintenance Plan Phase I control measures.

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PM 2.5 2006 24-Hour Std. St. Louis 2006 24-Hour PM2.5 Designation				11/13/09 - EPA published final rule for area designations effective 12/14/09			On 10/17/06, EPA published a revised 24-Hour fine particulate standard which requires an attainment/nonattainment area designation. Public hearing for area designation recommendation 10/25/07. On 8/18/08, EPA sent a letter of intent to modify the recommendation for designating areas as nonattainment. On 10/16/08, additional information provided to EPA supporting designating areas to attainment of 24-hour PM2.5 NAAQS. On 2/19/09, sent EPA request to review designation recommendations based on additional support information. On 3/31/09, Illinois EPA sent an Exceptional Events Request to EPA for review. If approved the state could be designated as attainment for the 24-hour PM2.5 standard. On 7/24/09, EPA approved Illinois EPA's Exceptional Events Request and will exclude this data in determining exceedances. On 10/8/09, state was notified that it is in attainment of the 24-Hour fine particulate standard.
PM 2.5 2006 24-hour Std. Infrastructure SIP aka Section 110 (a) Plan		12/18/09		3/18/11 - EPA proposed disapproval of the interstate transport portion of this plan. 7/20/11 - EPA issued final rule disapproving the interstate transport portion of this plan.			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.
PM 2.5 1997 Annual Std. St. Louis 1997 Annual PM2.5 Attainment Plan		10/9/09 Plan withdrawal submitted 8/26/11	Complete 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. Request to withdraw attainment plan from EPA consideration for approval submitted on 8/26/11. On 12/20/11, EPA proposed a Determination of Attainment for the St. Louis Area regarding this standard. This means the area monitored attainment by the date set under the Clean Air Act.
PM 2.5 1997 Annual Std. St. Louis 1997 Annual PM2.5 Maintenance Plan		8/26/11		5/23/11 - EPA issued final rule stating that the area monitored three years of attainment of the standard.			Redesignation request and maintenance plan being developed. On 3/17/10, DNR submitted letter to EPA advising St. Louis 2007-09 monitoring data is in attainment and requesting verification of 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.
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			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.

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SULFUR DIOXIDE (SO2) 2010 Standard SO2 Area Designations	6/2/11	7/22/11					<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>Three monitors in Missouri currently violate this new one hour standard. Violating monitors are located in Greene, Jefferson, and Jackson counties. Developing nonattainment recommendation based on monitors.</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>
SULFUR DIOXIDE (SO2) 2010 Std. Infrastructure SIP aka Section 110(a) Plan	6/2/13						<p>Infrastructure SIP is due three years after release of standard.</p> <p>SO2 infrastructure SIP will be unique as it will address areas that <u>model</u> noncompliance.</p> <p>Draft guidance was released for comment on 9/22/11. Comments will be accepted until 11/2/11.</p>
REGIONAL HAZE 2008 Regional Haze Plan		3/7/08 (for conditional approval) 8/5/09 (Final)	Complete 9/13/08				<p>Final federal regional haze rule published 7/1/99.</p> <p>On 8/23/07, the draft Regional Haze Plan was provided to the Federal Land Managers (FLM) and EPA for review.</p> <p>Plan revised based on FLM and EPA comments and sent out on public notice 11/2/07.</p> <p>Public hearing on plan 12/6/07.</p> <p>MACC adopted 2/7/08.</p> <p>Conditional approval dependent on evaluation of emission controls for Holcim Cement.</p> <p>On 6/23/08, draft BART finding with emission limitations sent to Holcim.</p> <p>BART technical agreement reached in February 2009 and signed 4/6/09.</p> <p>Public hearing on Plan 6/25/09.</p> <p>MACC adopted Plan 7/29/09.</p> <p>On 12/23/11 EPA proposed that CSAPR = "Better than BART" for EGUs under Regional Haze</p>
REGIONAL TRANSPORT Transport Rule Stage 1 renamed "Cross State Air Pollution Rule (CSAPR)"							<p>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</p> <p>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</p> <p>Final rule released 7/7/11. Renamed "Cross-State Air Pollution Rule"</p> <p>Supplemental proposal to rule <u>includes</u> Missouri in ozone season for NOx reductions based on revised modeling.</p> <p>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.</p> <p>Public hearing on reallocations for SO2, Annual NOx and Ozone Season NOx for 2013 at 12/8/11 MACC meeting</p> <p>On 12/16/11 EPA finalized the supplement that includes Missouri in the ozone season</p> <p>On 12/23/11 EPA proposed that CSAPR = "Better than BART" for EGUs under Regional Haze</p> <p>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. This means EPA cannot take any actions to implement the rule. CAIR was put back in place.</p> <p>The MACC adoptions for CASPR reallocations for 2013 have been put on hold.</p>

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REGIONAL TRANSPORT (Clean Air Interstate Rule (CAIR) and Clean Air Mercury Rule (CAMR))		CAIR submitted 3/8/07 (Preliminary) 5/10/07 (Final)	CAIR Complete 6/14/07	9/17/07 - EPA proposed approval Approved 12/14/07			<p>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.</p> <p>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/NO_x program.</p> <p>CAIR/CAMR rules public hearing 12/7/06.</p> <p>On 2/8/08, the D.C. Court of Appeals vacated and remanded EPA's rules delisting electric generating units from the Clean Air Act section 112 and regulating them under section 111.</p> <p>On 2/23/09, the U.S. Supreme Court declined to consider an appeal on the vacatur of CAMR.</p> <p>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 the court's opinion.</p> <p>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.</p> <p>On 12/28/11, CAIR was put back in place with the stay of CSAPR.</p>
		CAMR submitted 5/10/07 (Final)	N/A	9/27/07 - EPA proposed approval Approved 1/17/08			
REGIONAL TRANSPORT NO _x SIP Call		8/1/05	Complete 12/2/05	6/5/06 - EPA proposed approval Approved 8/15/06			<p>On 3/3/00, court ruled on NO_x SIP call petitions and removed Missouri from NO_x SIP call.</p> <p>EPA approved statewide NO_x rule 12/28/00.</p> <p>Proposed NO_x SIP call for Missouri released 2/23/02.</p> <p>On 4/21/04, EPA finalized Phase II NO_x SIP call.</p> <p>Public hearing for 3 new NO_x rules 4/28/05.</p> <p>MACC adopted rules 5/26/05.</p> <p>Public hearing for NO_x SIP call Emissions Budget Demonstration for Missouri 5/26/05.</p> <p>MACC adopted Budget Demonstration 6/30/05.</p>
PM 10 PERMIT SUBMITTAL Grossman Iron & Steel Source Registration Permit		10/5/2006	Complete 11/7/06	12/4/06 - EPA granted direct final approval - effective 2/2/07			<p>Plan revised to include revised source registration permit that addresses particulate matter exceedances.</p> <p>Public hearing on plan revision 8/31/06.</p> <p>MACC adopted 9/28/06.</p>
PM 10 PERMIT SUBMITTAL American Commercial Lines Transportation Services (ACL) Permit		12/21/07	Complete 5/9/08				<p>Plan revised to include modified Basic operating permit that addresses particulate matter exceedances.</p> <p>Public hearing on plan revision 9/27/07.</p> <p>MACC adopted 10/25/07.</p> <p>On 10/8/09, EPA advised that this SIP revision is no longer needed since monitor is now in compliance.</p> <p>Withdrew submittal 12/10/09.</p> <p>On 3/16/10, EPA acknowledged DNR's request to withdraw SIP.</p>
LOCAL AGENCIES Updates to outdated local codes/ordinances		1/8/09	Complete 4/27/09	10/21/10 - EPA granted direct final approval - effective 12/20/10			<p>Plan revised to match current version of Springfield Local code.</p> <p>Public hearing for Plan revision 10/30/08.</p> <p>MACC adopted Plan 12/4/08</p>
		4/5/11					<p>Plan revised to match current version of St. Louis City ordinance 68657.</p> <p>Public hearing for Plan revision 12/2/10.</p> <p>MACC adopted Plan 3/31/11.</p> <p>Plan was submitted to EPA on 4/5/11.</p>

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.