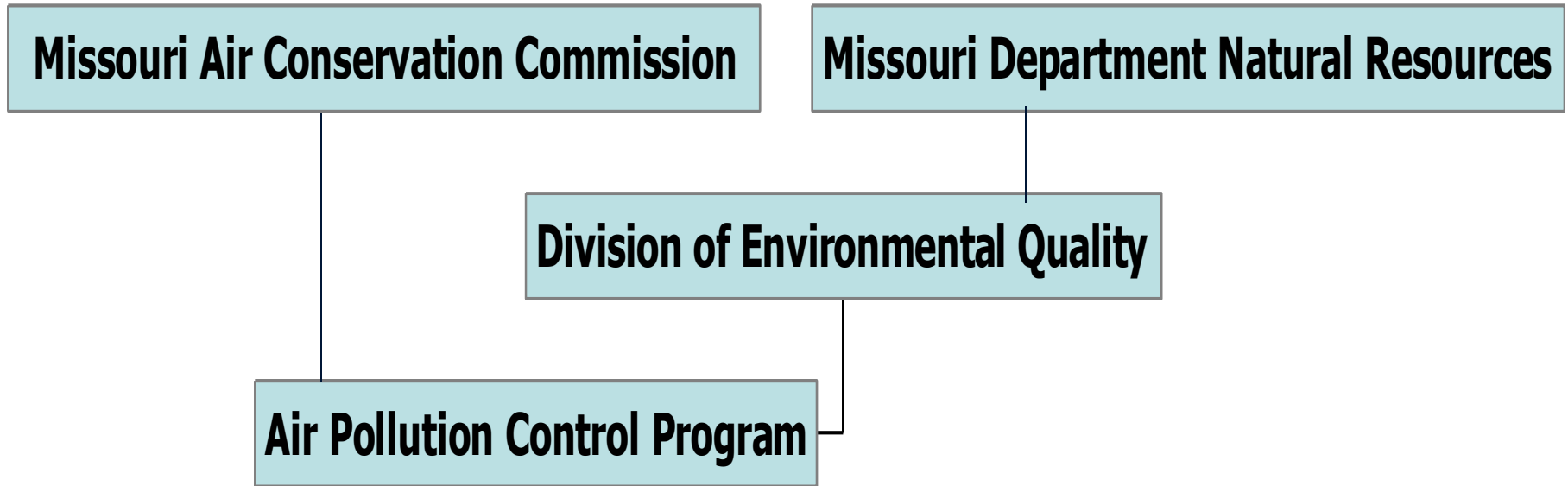


Air Pollution Control Program REGFORM Air Seminar

March 2017

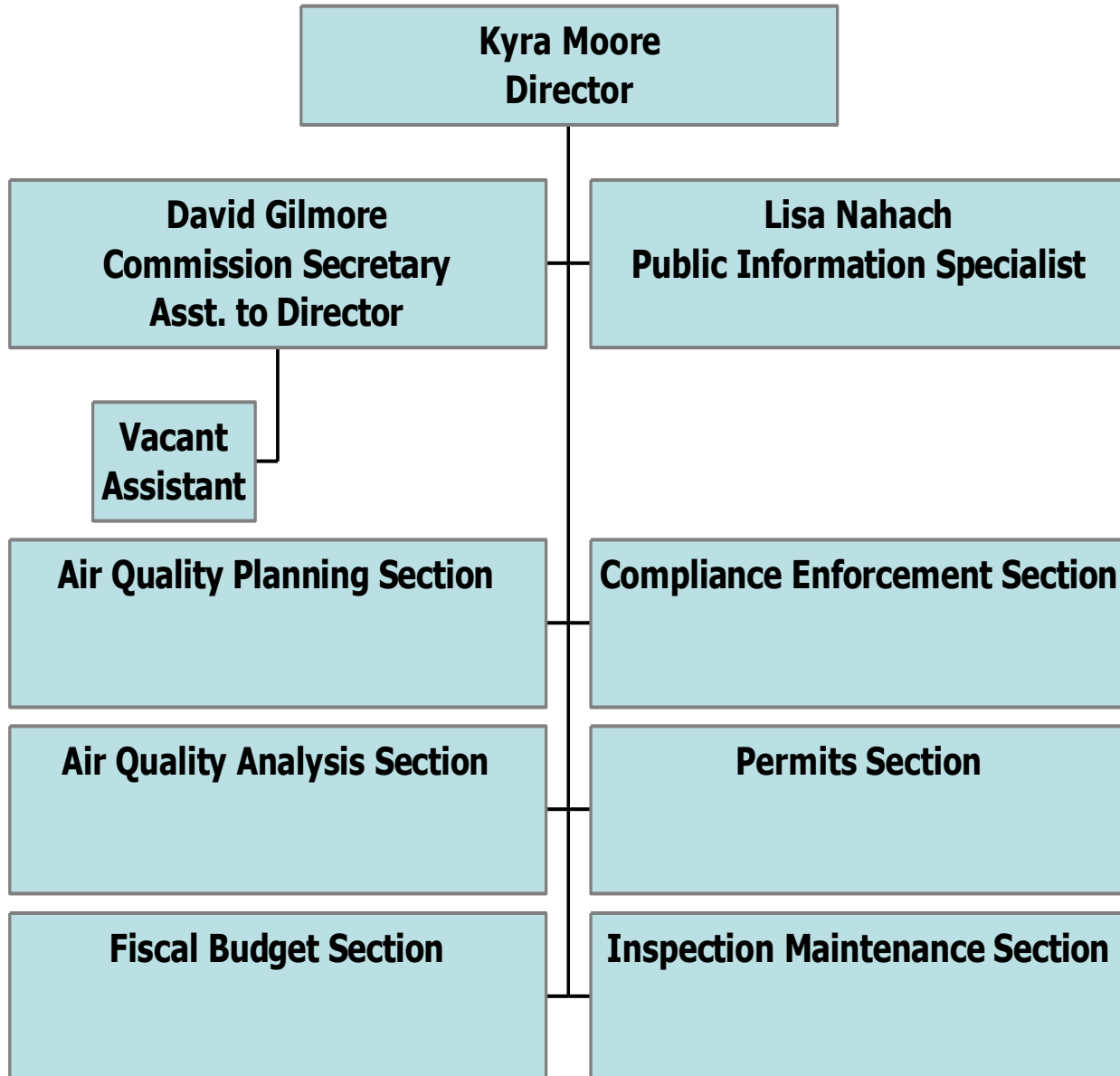


Missouri Air Conservation Commission

- David Zimmermann, Chair
- Jack Jones, Vice Chair
- Mark Garnett
- Jack Baker
- Gary Pendergrass
- Two vacancies, Commission board page:
<https://governor.mo.gov/get-involved/boards-and-commissions>



AIR POLLUTION CONTROL PROGRAM



Air Pollution Work – Team Effort

- Air Pollution Control Program
- 5 Department Regional Offices
 - St. Louis, Kansas City, Northeast (Macon), Southeast (Poplar Bluff), Southwest (Springfield)
 - [Steve Boone, Northeast Regional Office](#)
- Environmental Services Program
 - [Will Wetherell, Doug Thompson](#)
- Local Air Agencies
 - St. Louis County, St. Louis City, Kansas City, Springfield
 - Work dependent on agency

Air Quality Planning Section

- Rulemakings
- State Implementation Plan (SIP) development
- National Ambient Air Quality Standard (NAAQS) boundary recommendations
- Computer modeling to support SIPs and for attainment demonstrations

Air Quality Planning Section

Darcy Bybee, Section Chief

Cheri Bechtel

Rules Unit

Wayne Graf

Aaron Basham

Paul Myers

Shelly Reimer

Seanmichael Stanley

SIP Unit

Emily Wilbur

Assem Abdul

Stacy Allen

Adel Alsharafi

Mary Evelyn Barnes

Mark Leath

Cliff Li

Bob Randolph

Permit Section

- Issues permits for all applicable sources of air pollution
 - Construction and Operating Permits
- Processes permit applicability requests
- Performs air quality analysis for proposed sources
- Oversees permitting for local air agencies

Permits Section

Kendall Hale, Section Chief

Operating Permits

Michael Stansfield

Kristin Bailey

David Buttig

Bern Johnson

Jill Wade

Kasia Wasescha

Nicole Weidenbenner

Berhanu Getahun–StL

Construction Permits

Susan Heckenkamp

Sam Anzalone

Alana Hess

Jordan Hull

Kathy Kolb

David Little

Hans Robinson

Ryan Schott

Chad Stephenson

Chia-Wei Young

Permit Modeling

Dawn Froning

Kelly Robson

Air Quality Analysis Section

- Obtains, tracks and analyzes air emission inventory questionnaire (EIQ) data
- Develops point emission inventory
- Coordinates statewide air monitoring network
- Develop Maximum Achievable Control Technology (MACT) databases
- Small business compliance assistance

Air Quality Analysis Section

Steve Hall, Section Chief

Data Management Unit

Nathan O'Neil

Jeanette Barnett

Jeanne Brown

Erin Henry

Jeffrey Stevens

Terry Stock

Brenda Wansing

Daronn Williams

Monitoring Unit

Patricia Maliro

Jerry Downs

Eric Giroir

Michael Maddux

Carlton Flowers

Compliance/Enforcement Section

- Resolves enforcement actions from Regional Offices/Local Agencies; Refers cases to Attorney General, if necessary
- Conducts oversight of Vapor Recovery/IM, and stack tests
- Issues Asbestos Certifications, Contractor Registrations and Training Provider Accreditations, and tracks notifications
- Provides General Compliance Assistance
- Works with Regional Offices/Local Agencies to investigate citizen concerns and conduct routine inspections
 - asbestos, vapor recovery, open burning, dust, odors and general compliance

Compliance/Enforcement Section

Richard Swartz, Section Chief

Asbestos Unit

Stan Payne

Ethan Smith

Debbie Meyers

Cari Gerlt

Sara Hoover

Connie Kinney

Compliance Unit

Russell Sullivan

Cliff Johnson

Ernest Wilson

Jaime Rizo

Heather

Lehman

Derek Apel

Testing &

Emissions Unit

Josh Vander Veen

Steve Sidebottom

John Bullard

Laura Guinn

Stephanie Durbin

Fiscal and Budget Section

- Prepares budget, manages cash flow and time accounting, accounts payable & receivables
- Administers federal grant projects
- Coordinates state and federal workplans and local memorandum of agreements
- Maintains record retention and responds to Sunshine Requests
- Reviews legislation and fiscal note requests

Fiscal and Budget

Carolyn Kliethermes, Section Chief

Grant Management

Deedra Beye

Financial Operations Unit

Tim Largent

Sharon Thompson

Fileroom Management

Amber Evans

Receptionist

Debbie Heinrich

St. Louis Inspection and Maintenance

- Oversees vehicle inspection and maintenance program
- Performs covert and overt audits of emissions testing facilities
- Provides technical assistance and customer education

St. Louis Inspection and Maintenance

Chuck Dachroeden, Section Chief

Technical Services Unit

Joe Winkelmann

Neena Nallaballi

Angelo Vitullo

Jackie Heisler

Inspection Services Unit

David Offu

Caroline Kargas

Antwane President

Mark Specht



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

General Updates

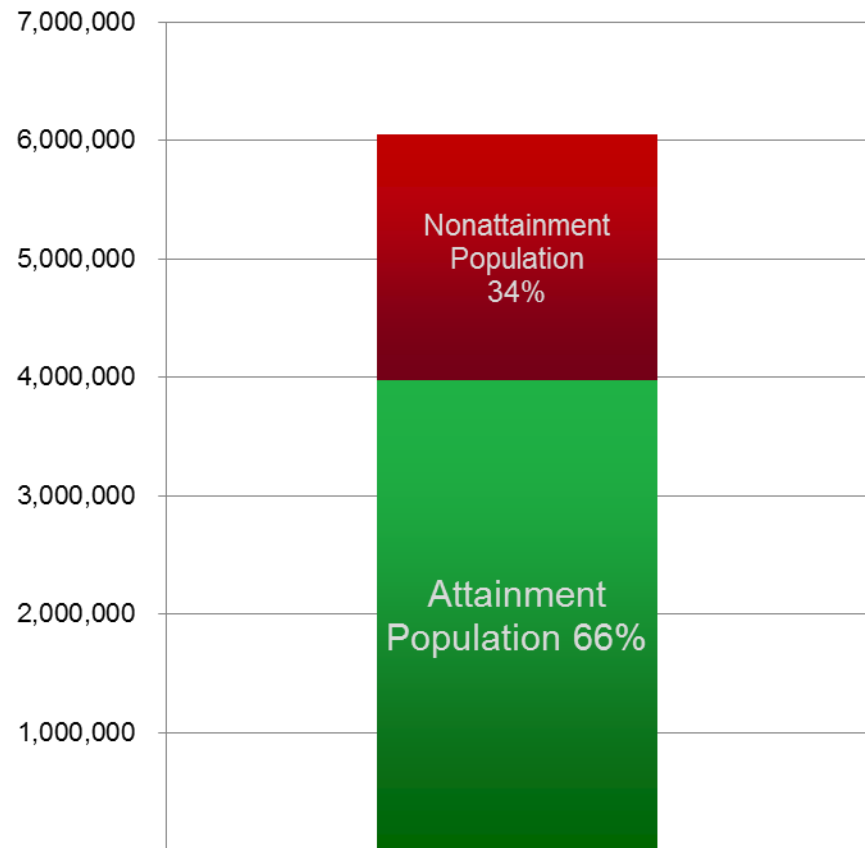
Air Pollution Control Program

Air Quality Goals

- Improve air quality for all Missourians
 - Ozone, Lead, Particulate Matter
- Continue timely issuance of construction permits
- Eliminate Title V permit backlog
- Conduct timely inspections




Statewide Air Quality

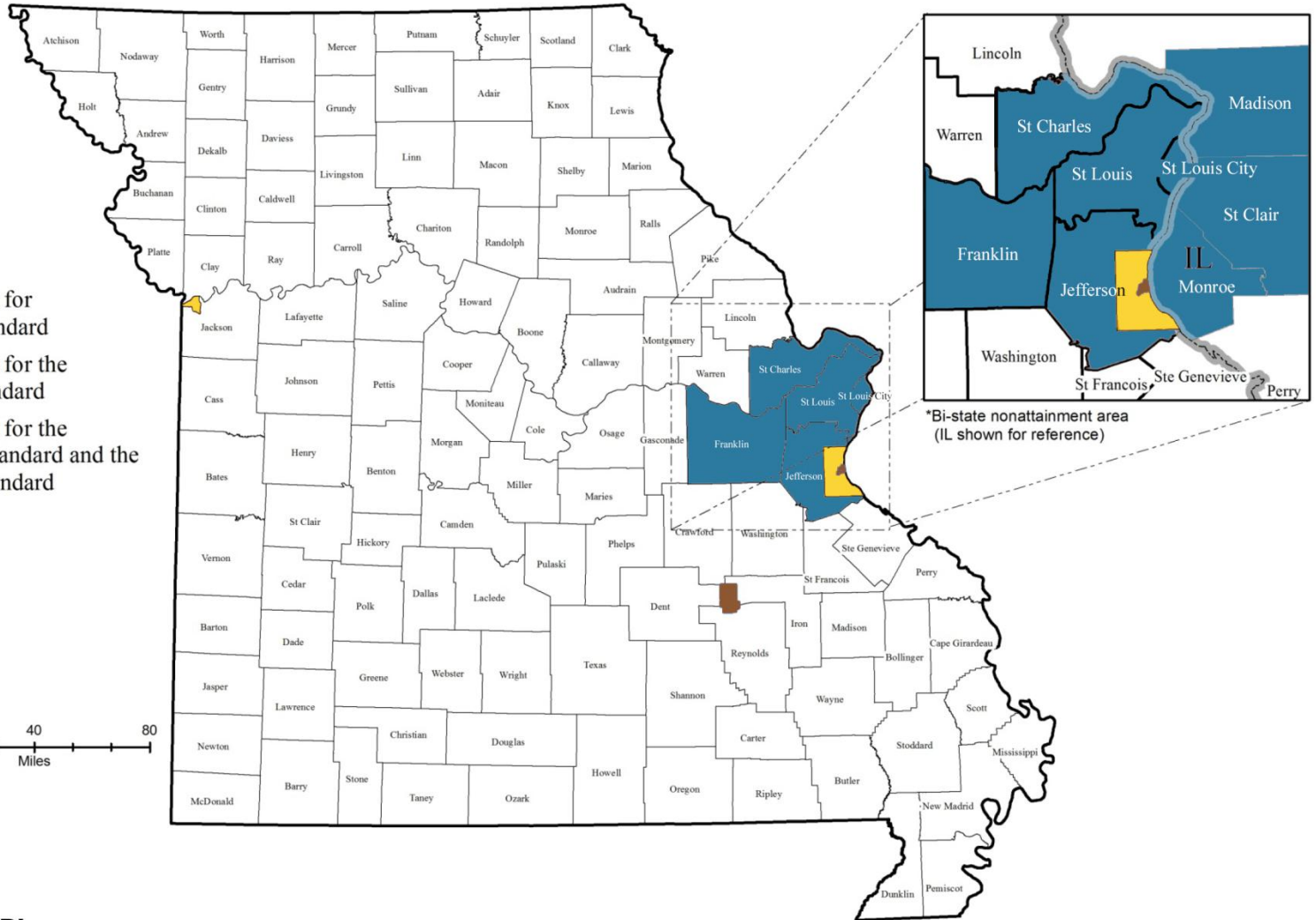
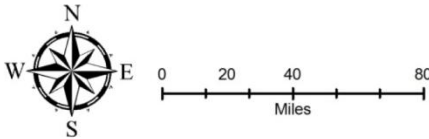
- 66% of all Missourians are living in areas meeting all NAAQS (Ozone, Lead, PM_{2.5})



Current Nonattainment Areas

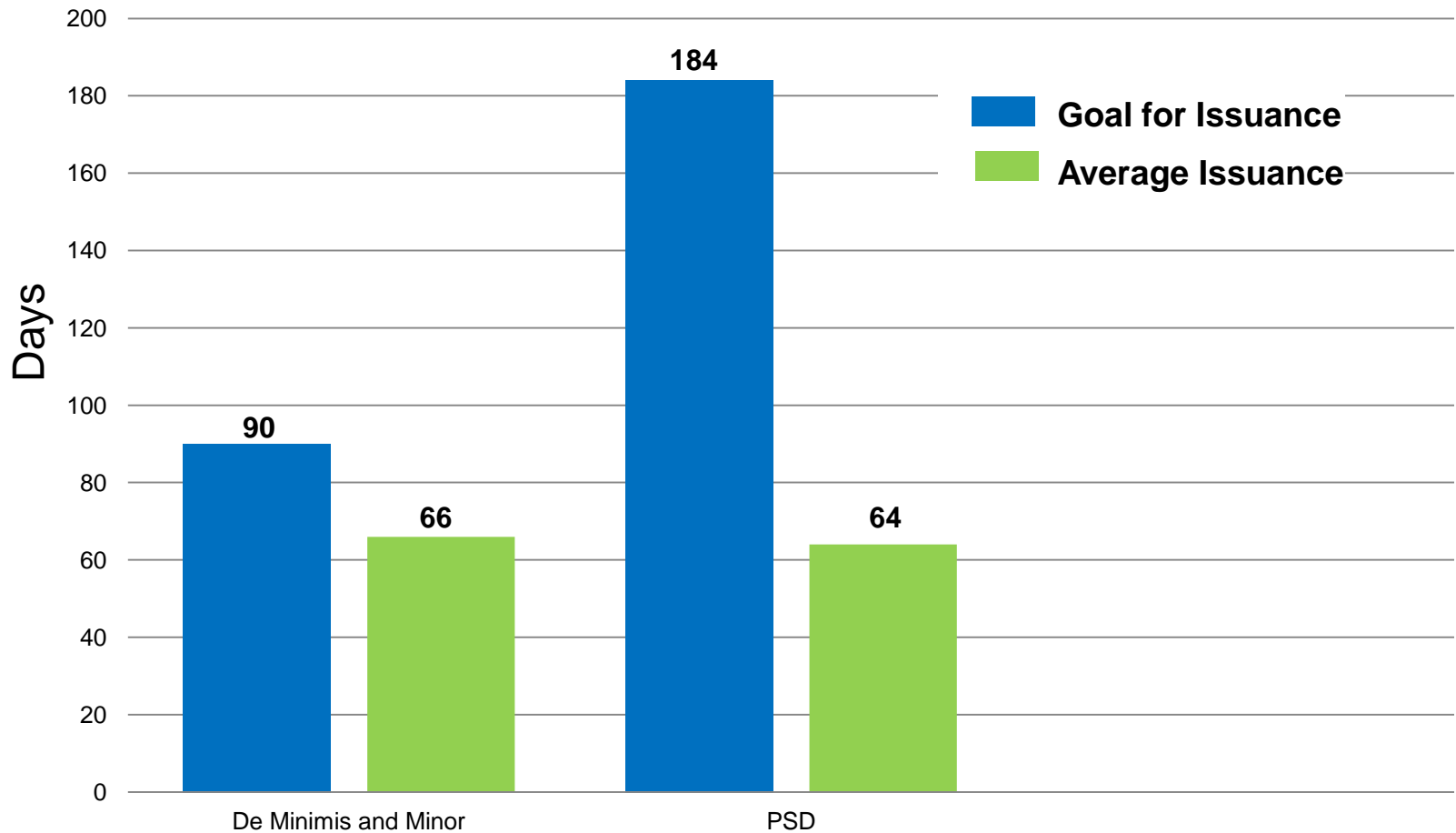
Legend

-  Nonattainment for 2008 Lead Standard
-  Nonattainment for the 2010 SO₂ Standard
-  Nonattainment for the 2008 Ozone Standard and the 1997 PM_{2.5} Standard

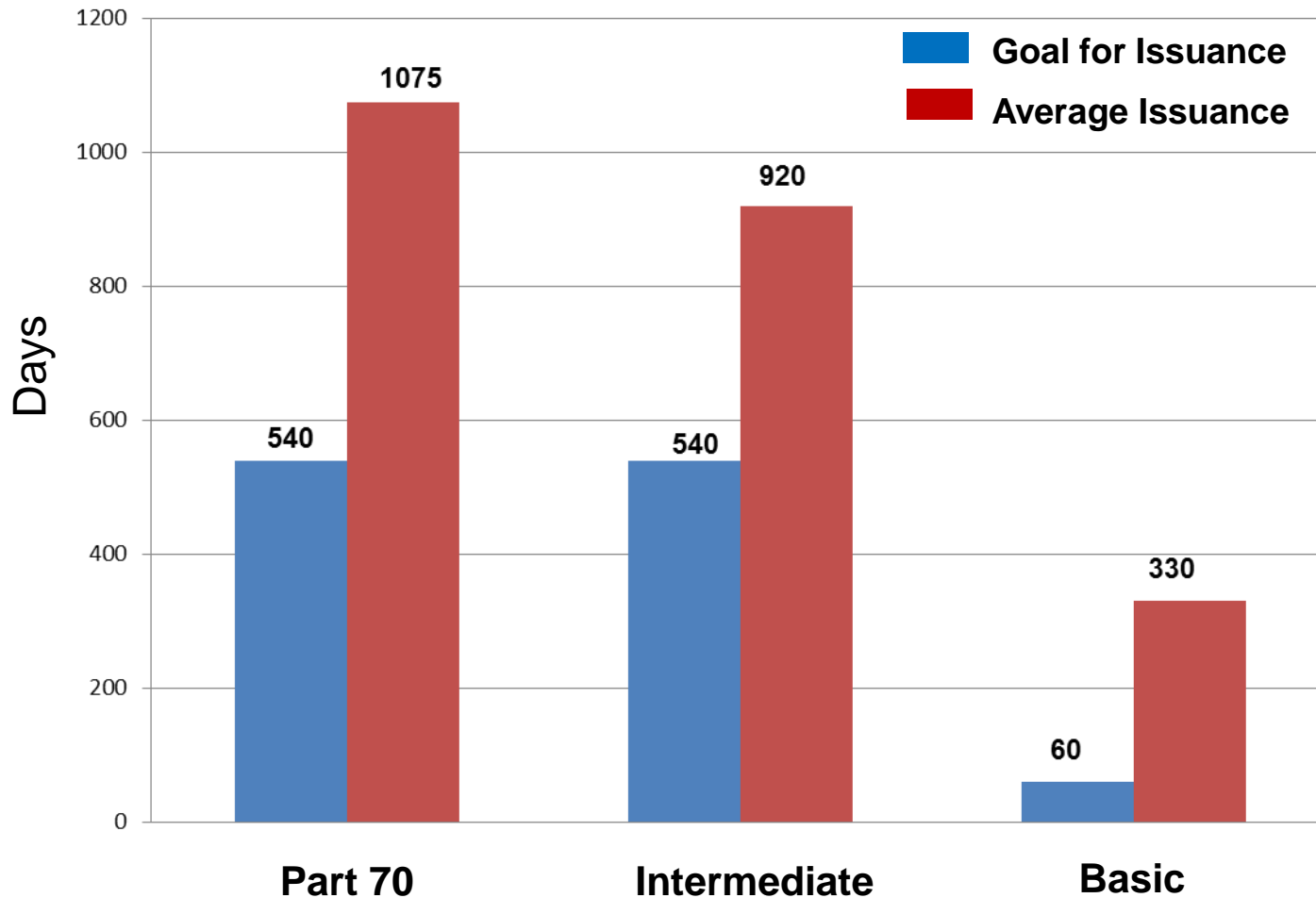


MISSOURI
 DEPARTMENT OF
 NATURAL RESOURCES
 Division of Environmental Quality
 Air Pollution Control Program
 Prepared: Feb. 6, 2017

Air Construction Permit Issuance



Title V Operating Permit Issuance



Permitting

- New fees started January 1, 2017
 - Working through transition – if questions, please call (573) 526-3835
- Addressing Operating Permit Backlog
- Basic Operating Permit Updates
- Application Updates

Volkswagen

- <https://www.epa.gov/enforcement/volkswagen-clean-air-act-partial-settlement>
- <https://www.vwcourtsettlement.com/en/>
- For future notifications:
<http://dnr.mo.gov/env/apcp/cleandieselprogram.htm>



**Get Updates
on this
Issue**

Air Quality Analysis Updates

Steve Hall

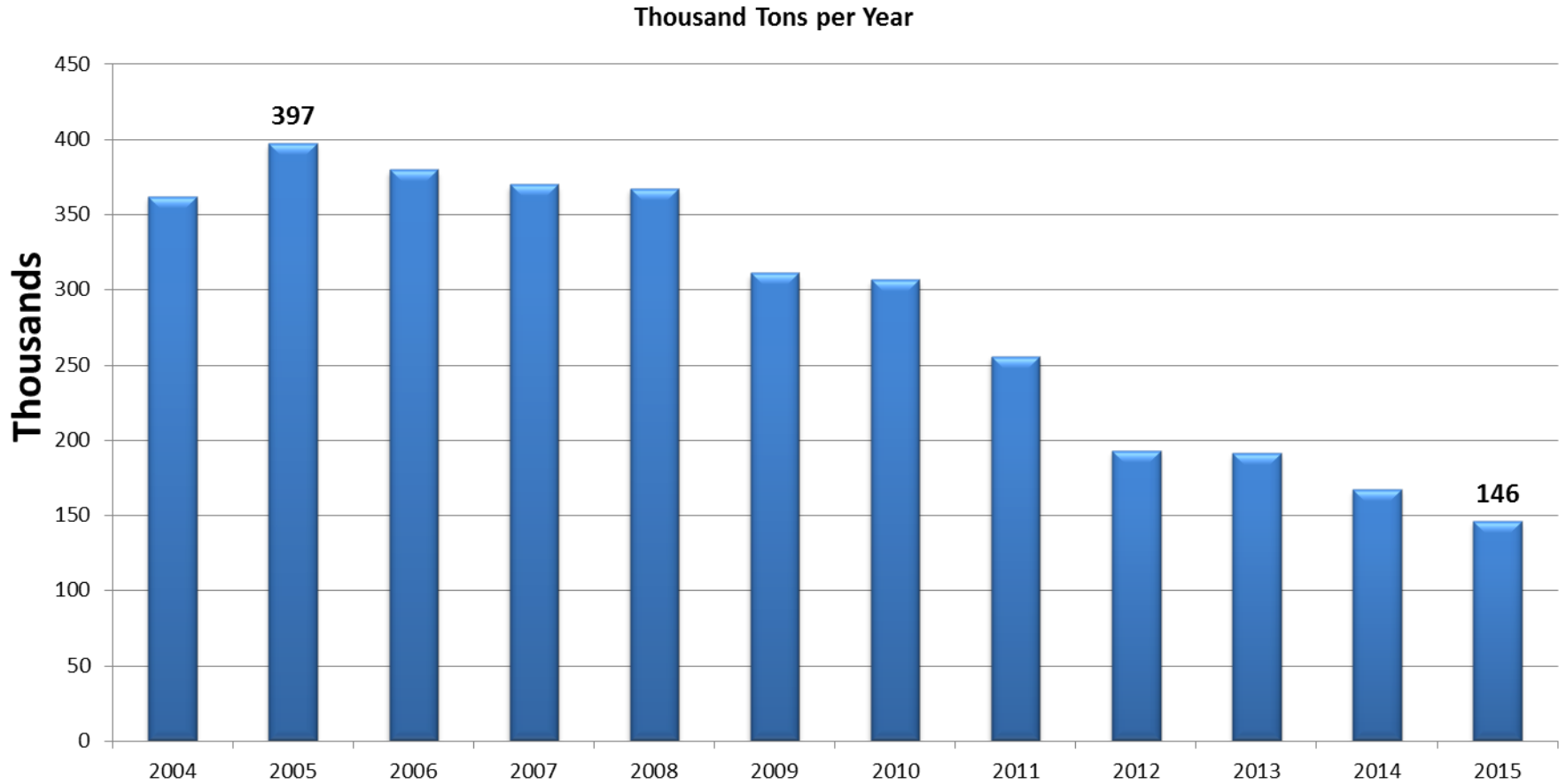
Air Pollution Control Program

Updates

- SO₂ NO₂, Lead and Particulate Matter Emissions Inventory and Trends
- Ozone Ambient Air Monitoring and Trends
- Website Resources

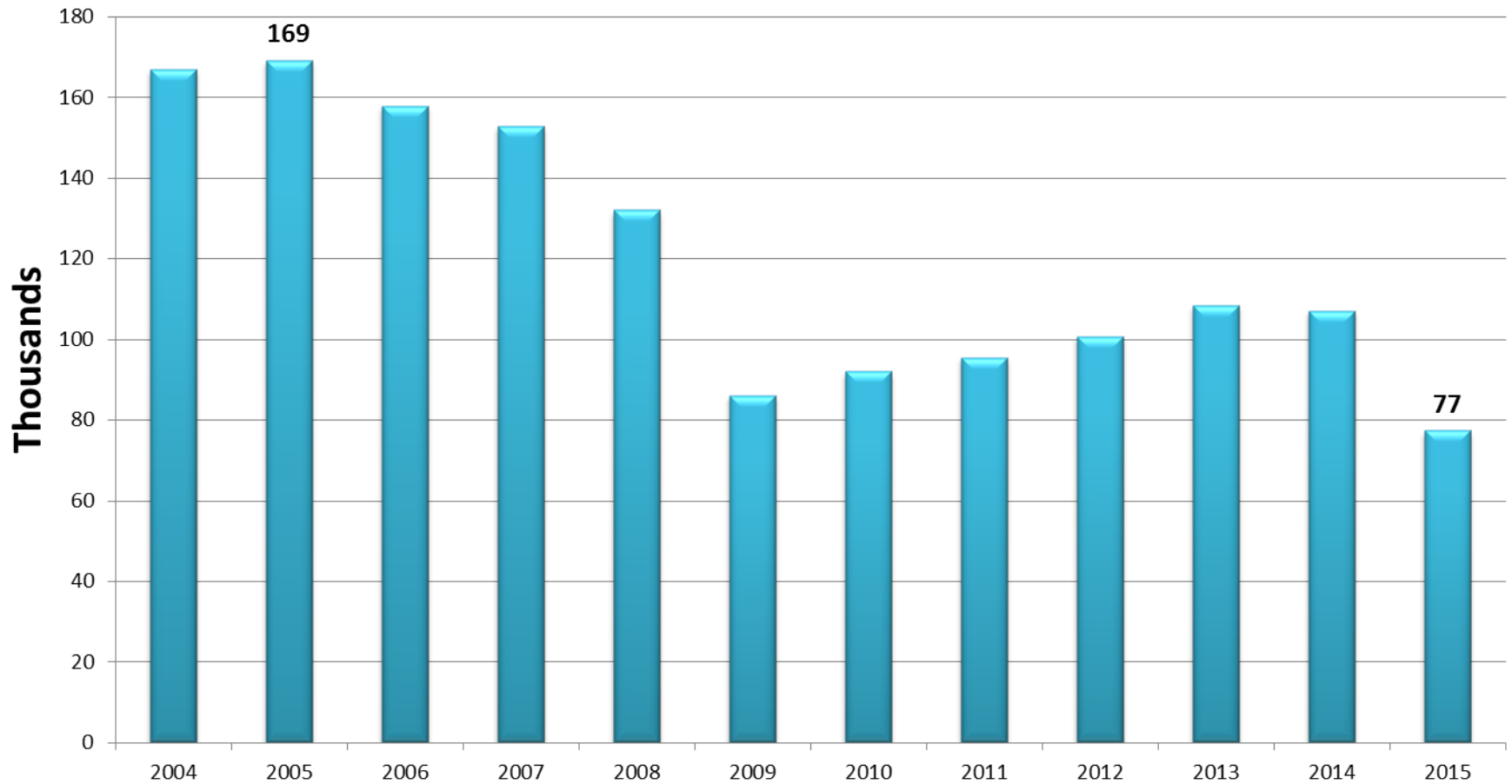


Sulfur Dioxide (SO₂) Point Source Emissions



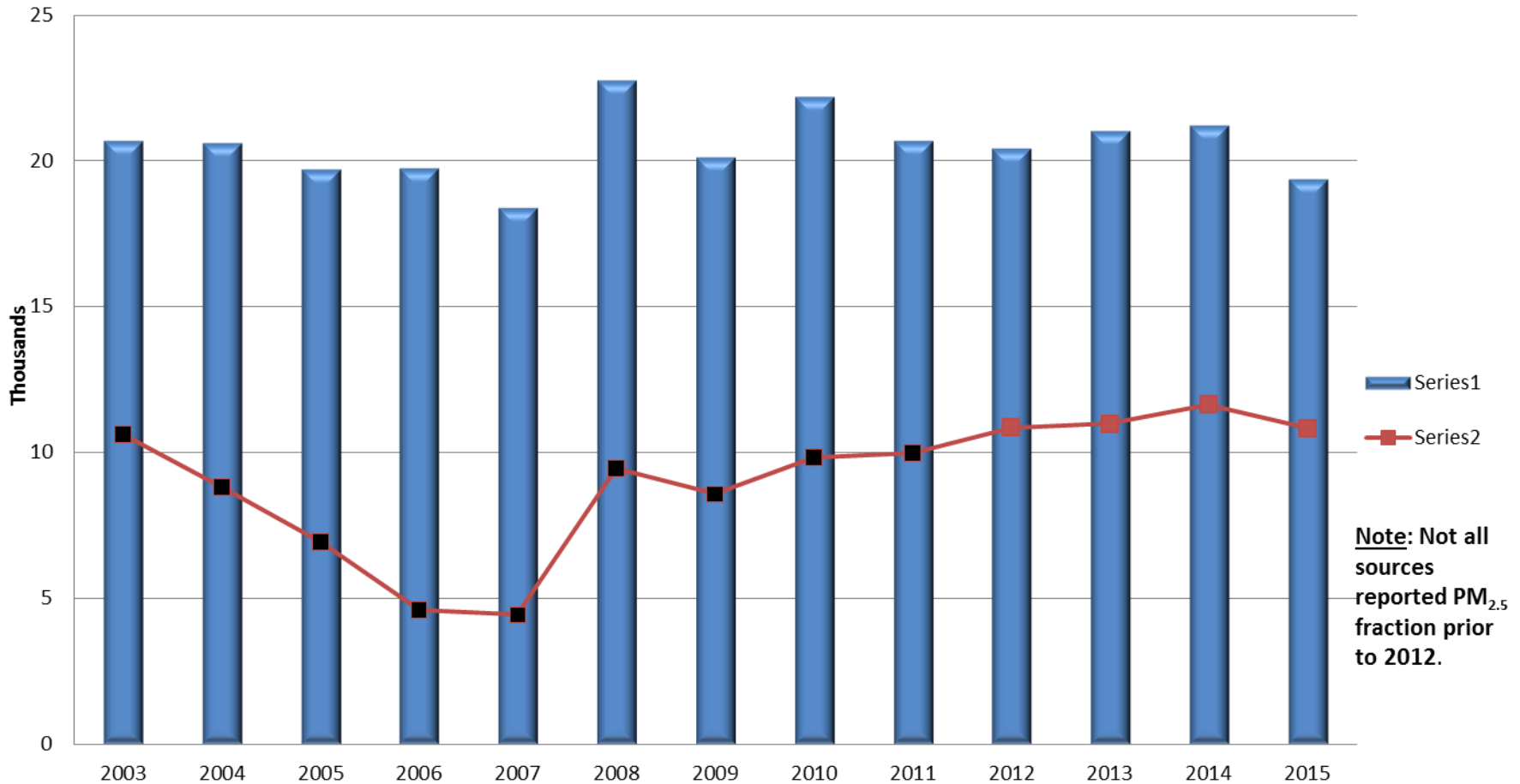


Nitrogen Dioxide (NO₂) Point Source Emissions Thousand Tons per Year



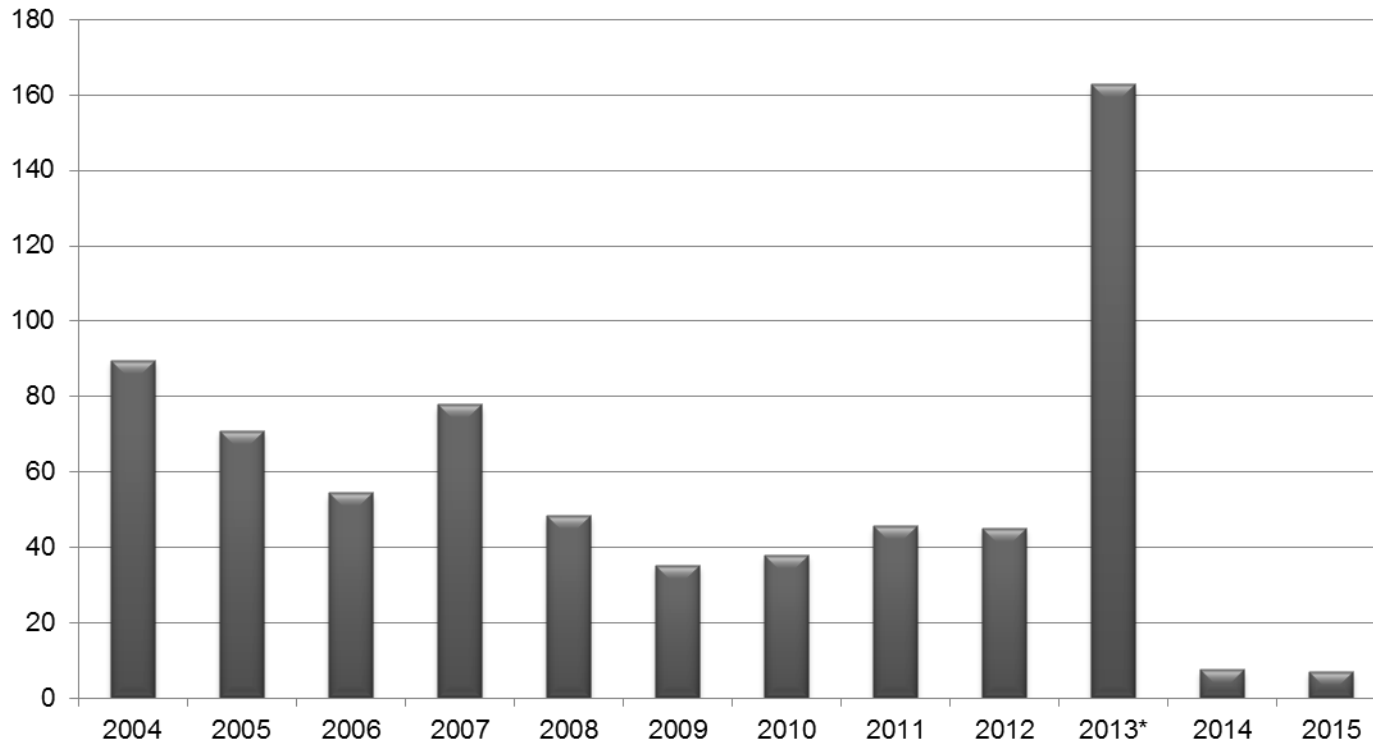


Particulate Matter (PM₁₀) Point Source Emissions (With PM_{2.5} Fraction) Thousand Tons per Year





Airborne Lead Point Source Emissions Tons per Year



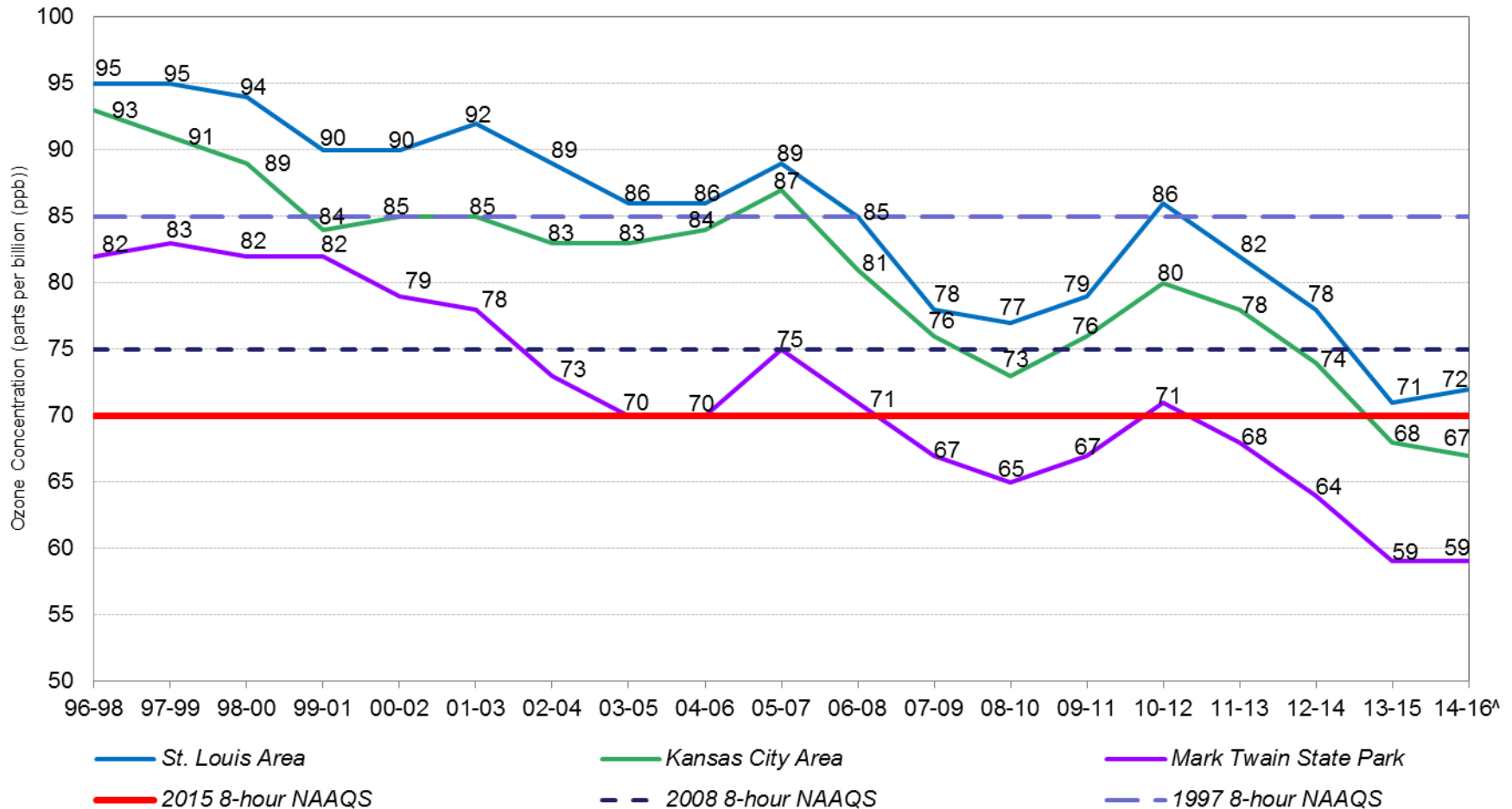
* Increased lead emissions for 2013 is the result of stack testing at a single facility. The facility shut down the processes that release emissions through the tested stacks at the end of the 2013 emission year, and the increased emissions are the result of the shut down activities.

Ozone (O₃) Ambient Air Monitoring

1996-2016 8-hour Ozone Design Value Trends

St. Louis, Kansas City Areas & Rural Site

(^Quality Assured Data Through December 31, 2016)





SO₂ Preliminary Design Values

MISSOURI DEPARTMENT OF NATURAL RESOURCES		1-HOUR Sulfur Dioxide (SO ₂) Design Values ^a					Report Date	2/27/2017			
Sites	County	99th Percentile 1-hour Average (ppb)					# of Exceedances	Design Value			
State Sites		2013	2014	2015	2016 ^b	2017 ^{cd}	75 ppb (2010 Std)	13-15	14-16 ^b	15-17 ^c	
		CV - 75					2016 ^c	Year-to-Date			
Herculaneum, Mott	Jefferson	143	18	38	13	6	177	0	66	23	19
Blair Street	St. Louis City	42	41	24	9	6	195	0	36	25	13
Margaretta	St. Louis City	20	22	17	8	7	203	0	20	16	11
Rider Trail, I-70 ^{^^^}	St. Louis Co.	-	-	-	12	6	N/A	0	***	***	***
<i>Ameren Missouri, Labadie Sites</i>											
Northwest [^]	St. Charles	-	-	28	27	5	173	0	***	***	20
Southwest [*]	Franklin	-	-	-	-	3	N/A	0	-	-	***
North [*]	St. Charles	-	-	-	-	15	N/A	0	-	-	***
Valley [^]	Franklin	-	-	34	22	11	172	0	***	***	22
<i>Ameren Missouri, Rush Island Sites</i>											
Natchez ^{^^}	Jefferson	-	-	13	27	5	188	0	-	-	15
Weaver ^{^^}	Jefferson	-	-	24	23	5	181	0	-	-	17
Fults, IL ^{^^^}	Monroe, IL	-	-	-	14	8	N/A	0	-	-	***
<i>Kansas City</i>											
<i>State Sites</i>											
Troost	Jackson	156	125	142	9	18	77	0	141	92	56
<i>Springfield</i>											
<i>State Sites</i>											
South Charleston [†]	Greene	31	33	14	3	†	211	0	26	17	†
<i>City Utilities of Springfield Sites</i>											
James River South [†]	Greene	27	33	16	4	†	208	0	25	18	†
<i>Outstate</i>											
<i>State Sites</i>											
Buick Northeast	Iron	85	52	42	43	27	143	0	60	46	37
Mark Twain State Park	Monroe	8	9	6	6	3	216	0	8	7	5
<i>Doe Run Buick Sites</i>											
Hwy. 32 Northeast [*]	Iron	-	-	-	-	30	N/A	0	-	-	***
West Entrance [*]	Iron	-	-	-	-	19	N/A	0	-	-	***
County Road 75 [*]	Iron	-	-	-	-	40	N/A	2	-	-	***
<i>Magnitude 7 Metals Sites</i>											
Site #1 AECI Water Tower Location [*]	New Madrid	-	-	-	-	5	N/A	0	-	-	***
Site #2 East Graveyard [*]	New Madrid	-	-	-	-	3	N/A	0	-	-	***
Site #3 West Entrance [*]	New Madrid	-	-	-	-	3	N/A	0	-	-	***

Website Resources



MO.gov Gov. Eric Greitens Find an Agency Online Services Search

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Programs Forms and Permits Publications Laws and Regulations Online Services Calendar of Events

Air Pollution Control Program

Our mission is to maintain the purity of Missouri's air to protect the health, general welfare and property of the people. Whether urban citizen or rural resident, everyone who lives in Missouri needs and deserves clean air. In other words, the 6 million residents of Missouri are our customers.



What has Missouri done to improve our air?

Visit this link for more information on **Missouri Skies Now and Then**.

Which pollutants does EPA monitor most closely?

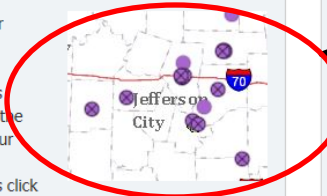
Click [here](#) to learn about the six criteria pollutants.

How does the scientific community rate air quality?

With the Air Quality Index we track ozone and particle pollution. This report tells you how clean (or polluted) the air is to help you understand what local air quality means in relation to your health. Each color code corresponds to a different level of health concern. The specific colors of the Air Quality Index makes it easier to understand where the air quality falls on the scale. [More...](#)

How does Missouri track air pollution?

We track our air pollution with a network of air monitoring sites located around the state. To visit our network of air monitoring sites click on the map.



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

Monitoring Information- 'Bookmark'

- Design Value Reports
- Preliminary hourly data reports
- Monitoring Network Plans and More
- More improvements coming...

Convenience Fee Applicable to Credit Card Payments

Effective July 1, 2014, per Chapter 37, Section 37.007, of the Missouri Revised Statutes, a convenience fee will be charged to all customers who wish to pay by electronic method. The convenience fee will be retained by a third-party vendor, Collector Solutions, Inc., not the Missouri Department of Natural Resources.

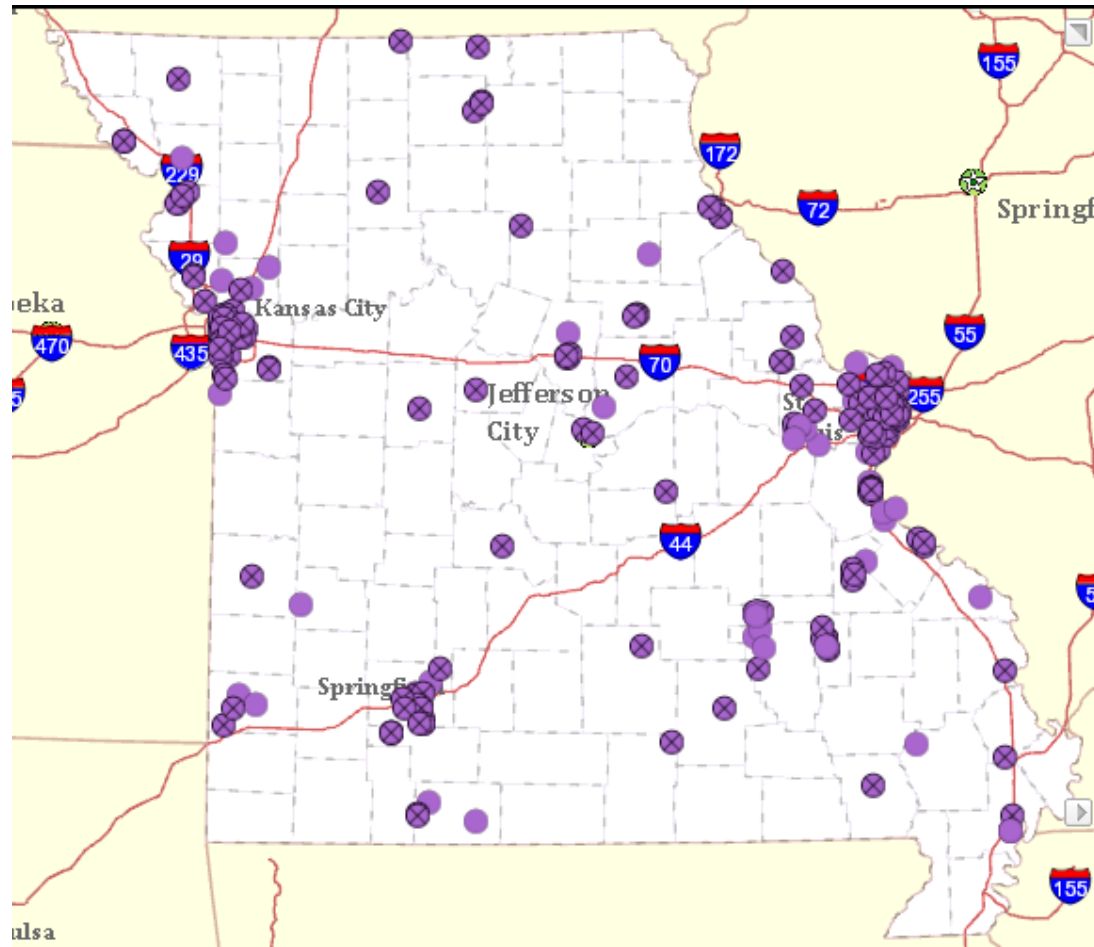
Transaction Dollar Amount

Fee

Contact Information

Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102

Monitoring Site GIS Map



Information

Map Layers

[Air quality monitoring sites](#)

STATUS

Active

Inactive

[Ozone](#)

[PM 2.5](#)

[PM 10](#)

[Nitrogen Dioxide \(NO2\)](#)

[Sulfur Dioxide \(SO2\)](#)

[Carbon Monoxide \(CO\)](#)

[Lead \(Pb\)](#)

[Ammonia \(NH3\)](#)

[Hydrogen Sulfide \(H2S\)](#)

[Air Toxics](#)

[Interagency Monitoring of Protected Visual Environments \(IMPROVE\)](#)

[PM 2.5 Chemical Speciation Network](#)

Air Quality Planning Updates

Darcy Bybee

Air Pollution Control Program

Updates

- Ozone Status Overview
- Sulfur Dioxide (SO₂) Status Overview
- Webpage Resources and Updates

Ozone Status Overview

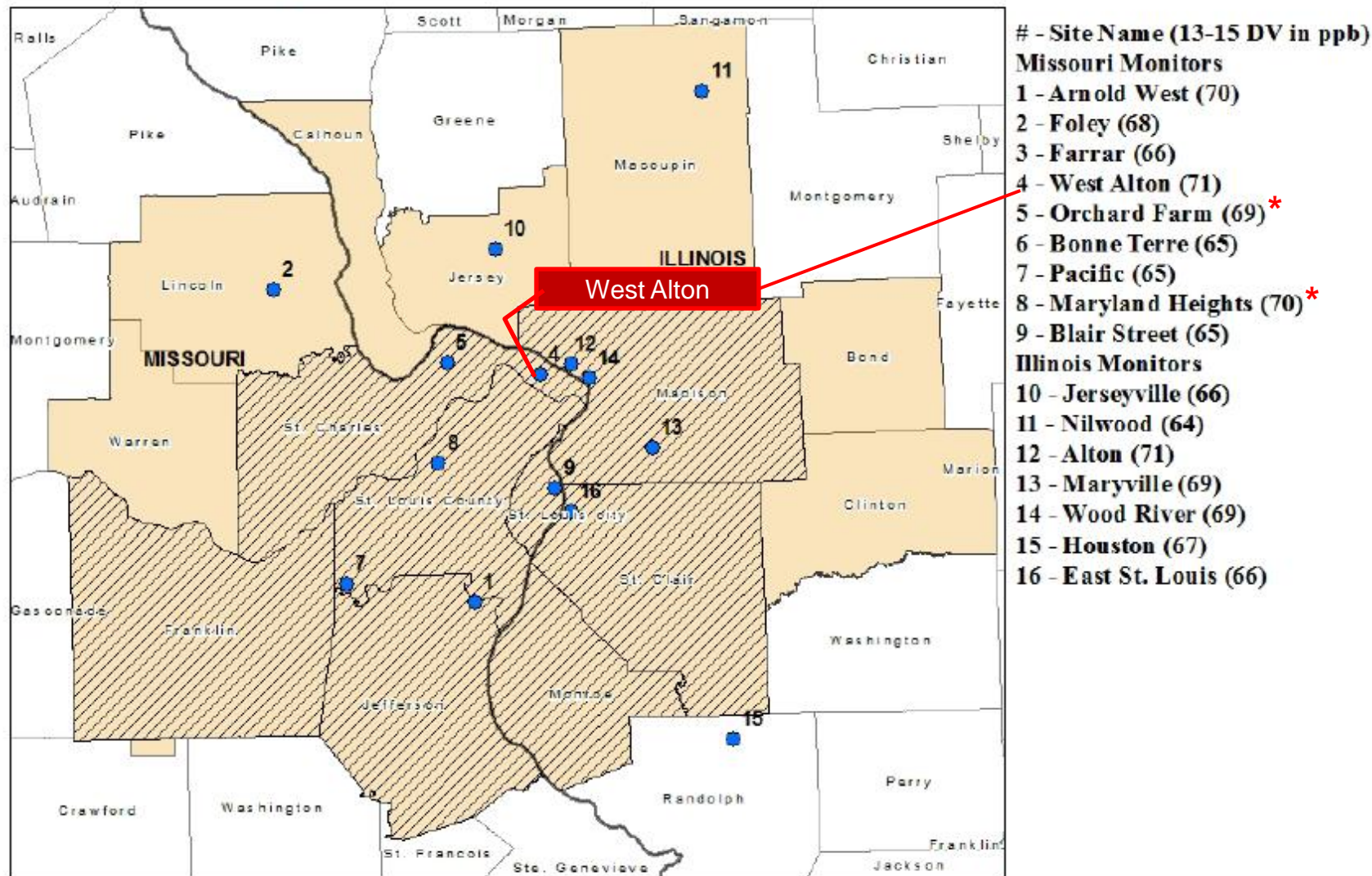
2008 Ozone Standard (75 ppb)

- Based on 2013-2015 air monitoring data, Missouri has attained the standard in St. Louis!
dnr.mo.gov/env/apcp/airpollutants.htm
- Submitted Redesignation Request and Maintenance Plan to EPA (Sept 12, 2016).
dnr.mo.gov/env/apcp/sips.htm

2015 Ozone Standard (70 ppb)

- Based on 2013-2015 air monitoring data:
 - Developed recommendation for the same St. Louis area as nonattainment (Sept. 30, 2016)
 - dnr.mo.gov/env/apcp/naaqsboundarydesignations.htm
 - We'll cover the timeline in a minute.

Figure 3. St. Louis MSA and Current Nonattainment Area's 2015 Ozone Monitoring Sites and their 2013-2015 Design Values



Timeline

Sept 30, 2016

- Recommendation to EPA

June 2017

- EPA sends 120-day letter

Aug 2017

- 120-day letter responses due

Oct 2017

- EPA finalizes area designations

2020

- SIPs due



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Sulfur Dioxide (SO₂) Status Overview

2010 SO₂ Standard (75 ppb)

- 4 Rounds of Designations
- For more information:
 - General SO₂ Information: dnr.mo.gov/env/apcp/so2.htm
 - SO₂ Air Quality Monitoring:
dnr.mo.gov/env/apcp/docs/so2monitoringdata.pdf
 - Boundary Recommendations:
dnr.mo.gov/env/apcp/naaqsboundarydesignations.htm
 - State Implementation Plans:
dnr.mo.gov/env/apcp/sips.htm

Implementation: 2010 SO₂ Standard

Round 1: Existing Monitors

- 2013: Two (2) areas designated (portions of Jackson and Jefferson Counties).
- 2018: Attainment for both.

Round 2: Consent Decree

- 2015-16: Three (3) areas considered. EPA did not designate any nonattainment areas
- All 3 placed in future rounds of designations

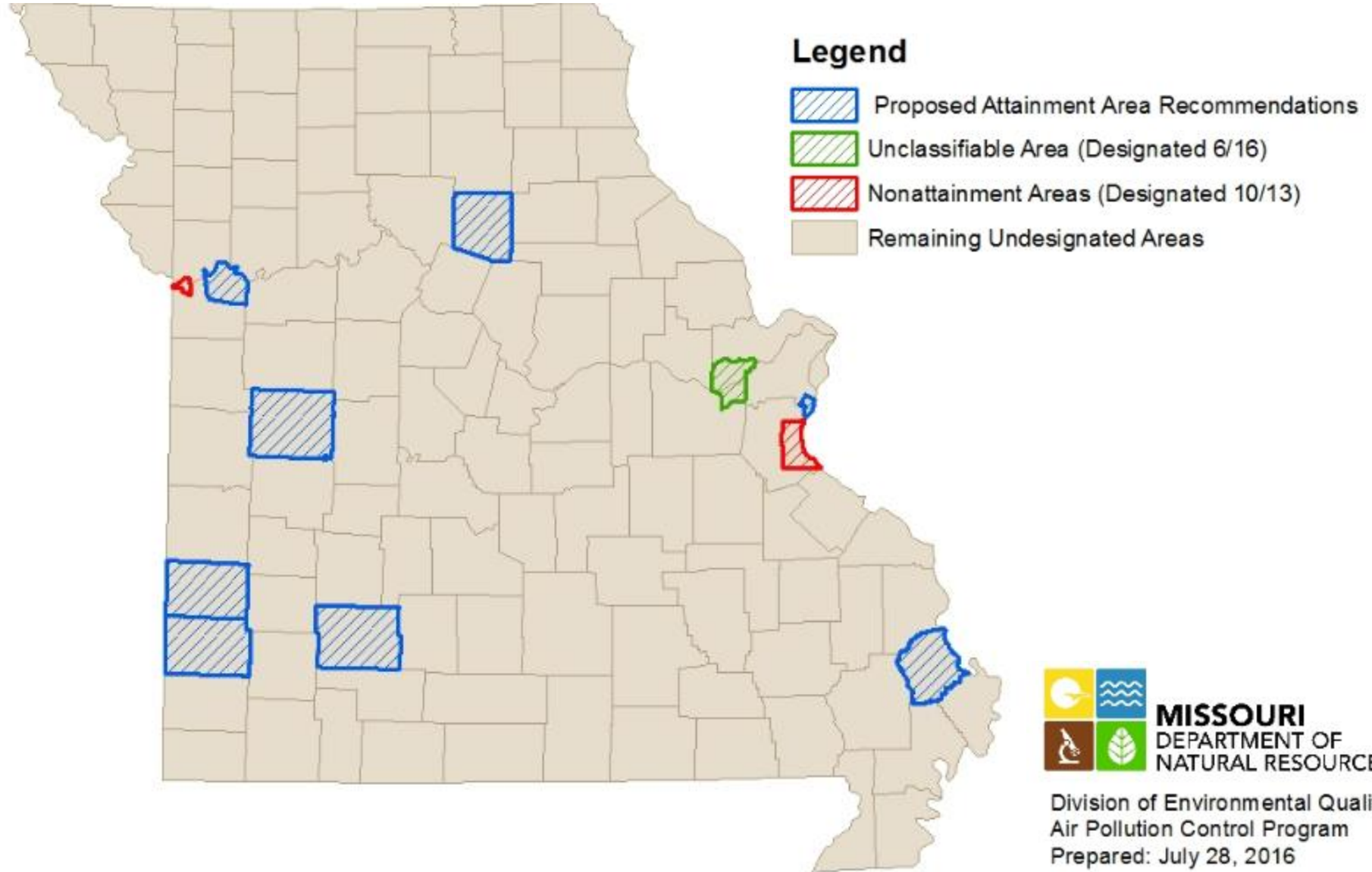
Round 3: Data Requirements Rule (Modeling)

- Dec 2016: Eight (8) counties/partial counties recommended for attainment
- ~Aug 2017: Expect 120-day letter
- Dec 2017: Deadline for EPA designations

Round 4: Data Requirements Rule (Monitoring)

- 4 areas installing new air quality monitors
- 2017-19: Collect air monitoring data
- May 2020: Recommendations due to EPA
- Dec 2020: Deadline for EPA designations

2010 1-hour SO₂ NAAQS: Existing and Recommended Area Classifications and Boundaries





MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Webpage Resources and Updates



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Cross-State Air Pollution Rule Webpage

Cross-State Air Pollution Rule

- New webpage for CSAPR Allocations!
 - Notifications of identified non-operating units and new unit set-asides
 - Opportunities to provide ‘objections’
 - Etc.
- Wepage is live!
 - <http://dnr.mo.gov/env/apcp/csapr.htm>
(also found in the list of “*Featured Pages*” on the main program webpage)

Cross-State Air Pollution Rule (CSAPR)

dnr.mo.gov/env/apcp/csapr.htm




Allocation Procedure for the Cross-State Air Pollution Rule

Missouri maintains state implementation plans (SIPs) that the EPA has approved to allow the state to reallocate emission allowances for the control periods starting in 2017. The allowances pertain to the CSAPR trading programs for NO_x annual and SO₂ annual group 1. The allocation methods for these two programs are codified in state rules 10 CSR 10-6.372 and 10 CSR 10-6.376.

These rules require the department's Air Pollution Control Program to submit allowance allocations under these two programs every year to EPA. This webpage provides the required notifications and objection periods for the air program's allowance allocation submissions.

Procedures for Allocation of CSAPR NO_x and SO₂ Annual Units

Allocation of Existing Units

- **Public notification of identified non-operating units**  (Updated 2/24/17)
- Facilities can submit objections to units that the state lists as non-operating during the last two control periods. **Click here** by April 1, 2017, to submit objections.
- **Public notification of state's response to objections for identified non-operating units**  (Updated 2/24/17)
- **State submittal of existing unit allocations to EPA**  (Updated 2/24/17)
- EPA records the state submitted existing unit allocations for future year(s).

Allocation of New Units

Programs

Air Po

Air Pr

Air Qu

Asbes

Clean

Forms

Gatew

Laws

NAAQ

Ozone

Permi

Public

Public

QAPP

Air Po

Assist

State

Vapor

Compl



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

EPA Resources

EPA Resources

- You can find all Missouri approved rules and plans on EPA's webpage:
 - Rules: www3.epa.gov/region07/air/rules-w3/missouri/toc.htm
 - SIP Status Reports: www3.epa.gov/airquality/urbanair/sipstatus/reports/mo_areabypoll.html

Region 7 Air Program

[✉ Contact Us](#)

Serving Iowa, Kansas, Missouri, Nebraska and 9 Tribal Nations

You are here: [EPA Home](#) » [Region 7](#) » [Air Program](#) » [Federally Approved Regulations](#) » [Missouri](#)

Missouri

EPA Approved Missouri Regulations 40 CFR 52.1320(c)

Missouri Department of Natural Resources
Division 10 - Air Conservation Commission

www3.epa.gov/region07/air/rules-w3/missouri/toc.htm

- [Chapter 1](#) Organization
- [Chapter 2](#) Air Quality Standards and Air Pollution Control Regulations for the Kansas City Metropolitan Area
- [Chapter 3](#) Air Pollution Control Regulations for the Outstate Missouri Area
- [Chapter 4](#) Air Qu
 - [State, Local and Tribal Programs](#)
 - [Federally Approved Regulations](#)
 - [Policy & Guidance](#)
 - [Search Air Pages](#)
 - [About Region 7](#)
 - [A-Z Index](#)
 - [News & Events](#)
- [Chapter 5](#) ality Standards and Air Pollution Control Regulations for the Springfield-Greene County Area
- [Chapter 5](#) Air Quality Standards and Air Pollution Control Regulations for the St. Louis Metropolitan Area
- [Chapter 6](#) Air Quality Standards, Definitions, Sampling and Reference Methods, and Air Pollution Control Regulations for the State of Missouri

Local Agency Ordinances

Chapter 6 – Air Quality Standards and Air Pollution

Air Quality Standards, Definitions, Sampling and Reference Methods, and Air Pollution Control Regulations for the State of Missouri

Rule	Title		Approved Pursuant to			
			SIP	111(d)	112(l)	Title V
10 CSR 10-6.010	Ambient Air Quality Standards	3 pp, 34 KB	X			
10 CSR 10-6.020	Definitions and Common Reference Tables	132 pp, 367 KB	X	X		X
10 CSR 10-6.030	Sampling Methods for Air Pollution Sources	6 pp, 24 KB	X			
10 CSR 10-6.040	Reference Methods	6 pp, 24 KB	X			
10 CSR 10-6.050	Start-Up, Shutdown, and Malfunction Conditions	5 pp, 22 KB	X			
10 CSR 10-6.060	Construction Permits Required	45 pp, 123 KB	X			
10 CSR 10-6.061	Construction Permit Exemptions	15 pp, 43 KB	X			
10 CSR 10-6.062	Construction Permits By Rule	8 pp, 28 KB	X			
10 CSR 10-6.065	Operating Permits	62 pp, 132 KB	X		X	X
10 CSR 10-6.090	Restriction of Emission of Fluorides	2 pp, 16 KB		X		



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

SIP Webpage Updates!

Webpage Updates!!!

- Reminder: To get the full picture of SO_2 , you must visit a minimum of 4 DNR webpages.

4!



State Implementation Plan

There are **six different criteria pollutants** for which the U.S. Environmental Protection Agency (EPA) is required to set National Ambient Air Quality Standards (NAAQS). EPA is also required to review each national air standard every five years to determine if the current standard is still adequate to protect public health, or if it should be revised.

After EPA revises or sets a new standard for a criteria pollutant, the boundary designation process begins.

1. States submit boundary recommendations to EPA. The **boundary designation submittals for all criteria pollutants** are available online.
2. EPA reviews the recommendations and designates areas across the country as either nonattainment or attainment/unclassifiable based on air quality monitoring or modeling data.
3. If an area is designated as nonattainment for a certain NAAQS it means the area either is not meeting the standard or is significantly contributing to an area not meeting the standard.

After the boundary designations are complete the State Implementation Plan (SIP) begins.

1. Missouri's SIP is a compilation of all rules, regulations and documents giving the state authority to implement, enforce, attain, maintain and demonstrate compliance for each standard as required under the Clean Air Act.
2. All SIPs are required to go through public comment periods and if adopted by the Missouri Air Conservation Commission, they are submitted to EPA for adoption in the federally approved SIP.

If EPA adopts the plan submission, the SIP becomes federally enforceable. A **summary of Missouri's federally approved SIP** is available on EPA's website and Missouri's approved SIP is also codified at 40 CFR 52 Subpart AA.

Types of SIPs

Every time a NAAQS is revised, the state is required to submit a SIP.

- **Attainment/unclassifiable areas:** The state is required to submit an infrastructure SIP that demonstrates the state's authority to implement and enforce the standard and demonstrate that compliance with the standard will continue to be maintained.

[Program Home Page](#)

[Air Conservation Commission](#)

[Air Pollutants](#)

[Air Program Advisory Forum](#)

[Air Quality](#)

[Asbestos](#)

[Clean Power Plan](#)

[Forms and Applications](#)

[Gateway Vehicle Inspection Program](#)

[Laws and Regulations](#)

[NAAQS Boundary Designations](#)

[Ozone](#)

[Permits](#)

[Publications and Reports](#)

[Public Notices-Comment Periods](#)

[QAPP Template](#)

[Air Pollution Compliance/Regulatory Assistance](#)

[State Plans](#)

[Vapor Recovery Information and Compliance Requirements](#)

- **Attainment/unclassifiable areas:** The state is required to submit an infrastructure SIP that demonstrates the state’s authority to implement and enforce the standard and demonstrate that compliance with the standard will continue to be maintained.
- **Nonattainment areas:** The state is required to submit several different documents as part of the SIP for these areas under each standard in which the area has been designated nonattainment. The scope of the different SIP submittals required for each nonattainment area depends on the severity of the nonattainment area and the pollutant for which the area has been designated nonattainment.
 - Nonattainment areas are usually required to submit an attainment demonstration SIP. This portion of the SIP lays out all of the control strategies required to demonstrate the nonattainment area will meet the new standard by a certain date, known as the attainment date.
 - Nonattainment area plans also typically require submission of a comprehensive emission inventory, a demonstration that reasonably available control measures have been implemented and a demonstration that reasonable further progress goals will be achieved. Finally, once an area that has been designated as a non-attainment area has monitored pollutant levels in compliance with the standard for an extended period, then the area can submit a maintenance plan and be redesignated to maintenance area. The maintenance plan must demonstrate how the area will continue to maintain compliance with the standard for 10 years after attainment has been reached.

This webpage shows the more recent SIPs submissions the state has made to EPA. Some submissions have been federally approved, while others are still pending EPA approval. SIP elements are revised from time to time and the more recent revisions to SIPs are also listed on this website.

Ozone | **Particulate Matter** | Lead | Carbon Monoxide
 Nitrogen Dioxide | **Sulfur Dioxide** | Regional Haze | Interstate Transport
 Administrative | **111(d)** | Air Quality Management Plan (AQMP)

Ozone

The first ozone NAAQS was published in 1979. The standard was based on one-hour average concentrations. In 1997, EPA revised the ozone NAAQS and the new standard was based on a design value stemming from 8-hour average concentrations. In 2008, EPA again revised the ozone standard. The 2008 standard is lower than the 1997 standard, but still based on a design value stemming from 8-hour average concentrations.

See **Ozone** for more information.

2008 8-hr O3 Standard: 75 parts per billion, or ppb

On Sept. 22, 2011, the U.S. Environmental Protection Agency released a memorandum to clarify for states the status of the 2008 Ozone National Ambient Air Quality Standard. In this document, EPA explicitly stated that the current standard is 0.075 parts per million, or 75 parts per billion. This standard is based on a three year design value, which is calculated by taking the fourth highest daily high 8-hour average concentration recorded each year, for three years and averaging the three years together.

dnr.mo.gov/env/apcp/sips.htm

Contact Information

Air Pollution Control Program

P.O. Box 176
 Jefferson City, MO 65102
 800-361-4827
 573-751-4817

Contact Us

Report an Environmental Concern

Meet the Air Pollution Control Program Director

Sulfur Dioxide, or SO₂

Additional information is available on the department's **Sulfur Dioxide** webpage and on **EPA's Sulfur Dioxide Implementation** webpage.

2010 Primary standard (1-hour average): 75 ppb.

In 2010, this standard was revised. The 2010 revision added a primary 1-hour SO₂ standard and revoked the primary annual and 24-hour SO₂ standards. Previous to the 2010 NAAQS revision, the entire state was designated as attainment or unclassifiable under the annual and 24-hour primary SO₂ standards. Under this revised standard, monitored pollutant concentrations are used to designate nonattainment and attainment areas for the initial round of designations. The state developed a revised boundary recommendation in April 2013, which can be found on the **NAAQS Boundary Designations** page. The 2010 SO₂ standard is based on a three year design value, which is calculated by taking the 99th percentile of the daily high 1-hour average concentrations recorded each year, for three years and averaging the three years together.

Infrastructure SIP

- Missouri State Implementation Plan Revision – Section 110 Infrastructure Requirements for the 2010 Sulfur Dioxide National Ambient Air Quality Standard (MACC Adoption: June 2013) (Pending EPA Approval)
Section 110 Infrastructure SIP for the 2010 SO₂ NAAQS

Jefferson County Area

- Nonattainment Area Plan for the 2010 1-Hour Sulfur Dioxide National Ambient Air Quality Standard – Jefferson County Sulfur Dioxide Nonattainment Area (MACC Adoption: May 2015) (Pending EPA Approval)

Jefferson County SO₂ Nonattainment Area Plan

Appendix A
Appendix B
Appendix C
Appendix D
Appendix E
Appendix F
Appendix G
Appendix H
Appendix I
Appendix J

dnr.mo.gov/env/apcp/sips.htm

The modeling performed in support of the Jefferson County Nonattainment Plan takes into account federally enforceable SO₂ emission reductions from the closure of the Doe Run Herculaneum primary lead smelter. The closure of the smelter was required by the consent decree between Doe Run, the department and the U.S. Environmental Protection Agency filed in the United States District Court in the Eastern District of Missouri, Case No. 4:10-cv-01895-JCH, and entered on Dec. 21, 2011. We are providing a link to this document for reference:
http://www.epa.gov/region7/cleanup/doe_run/pdf/consent_decree.pdf

• Attachment 1

Jackson County Area

- Nonattainment Area Plan for the 2010 1-Hour Sulfur Dioxide National Ambient Air Quality Standard – Jackson County Sulfur Dioxide Nonattainment Area (MACC Adoption: August 2015) (Pending EPA Approval)

Jackson County SO₂ Nonattainment Area Plan

Appendix A

Appendix B

Appendix C

Appendix D

Appendix E

Appendix F

Appendix G

Appendix H

Appendix I

Appendix J

dnr.mo.gov/env/apcp/sips.htm

Secondary standard (3-hour average): 500 ppb.

On April 3, 2012, EPA promulgated a final rule to retain the current secondary standard for SO₂. The entire state is currently designated as attainment or unclassifiable under this standard.

Regional Haze Plan

All states were required by the Clean Air Act to submit Regional Haze SIPs in order to address

Webpage Updates—Why?

- Multiple webpages lead to duplicative—or in some cases missing or conflicting—information.
- Encyclopedia-type information is an outdated format and difficult to scan for information.

Our Plan: Update our webpage structure!

- Have a central informational webpage
 - *What are SIPs? Boundary Recommendations? What is a nonattainment area?*
- Links to the different pollutants
 - Each pollutant will have a one-stop shop of information
 - General pollutant information
 - Boundary recommendations
 - SIPs
 - Important links (air monitoring, EPA webpages, etc.)

Example!

- We started with the SO₂ webpages.
- We'd like your feedback:
 - Content
 - Organization
- We hope to update all planning webpages in the near future.

Sulfur Dioxide

🏠 » [Division of Environmental Quality](#) » [Air Pollution Control Program](#)

Sulfur dioxide is a colorless gas with a strong, suffocating odor. Sources of sulfur dioxide emissions include fossil-fuel fired power plants, metal/ore processing industries, other industries that combust fossil fuels, and certain nonroad engines such as locomotives and marine vessels. Exposure to elevated concentrations of sulfur dioxide can cause irritation of the throat and lungs, leading to difficulty breathing, increased asthma symptoms and other respiratory illnesses. The department monitors sulfur dioxide levels in the air at locations across the state. [Missouri's sulfur dioxide air monitoring sites](#) 📄

Sulfur dioxide is one of the Environmental Protection Agency's criteria air pollutants – commonly found air pollutants that at high enough levels can harm people and the environment. Because of the potential to harm people and the environment, the federal Clean Air Act and Missouri Air Conservation Law limit the amount of sulfur dioxide that sources can emit into the atmosphere. Sulfur dioxide also contributes to the formation of secondary fine particle pollution, which is a subset of particulate matter, another criteria pollutant. Additional information about sulfur dioxide can be found on [EPA's sulfur dioxide webpage](#).

Sulfur Dioxide National Ambient Air Quality Standard (NAAQS)

In June 2010, EPA established a new 1-hour primary sulfur dioxide standard of 75 parts-per-billion. The previous sulfur dioxide primary standards set in 1971 included a 24-hour standard at 140 parts-per-billion and annual standard at 30 parts-per-billion. There is also a secondary sulfur dioxide standard based on a 3-hour average set at 500 parts per billion. When EPA revised the sulfur dioxide standard in 2010, they revoked the two previous primary standards, replacing them with the new 1-hour primary standard and they retained the existing secondary standard

Test Page!

- Program Home
- Air Conservation
- Air Pollution
- Air Program
- Air Quality
- Asbestos
- Clean Power
- Forms and A
- Gateway Ve
- Laws and R
- NAAQS Boun
- Ozone
- Permits
- Publications
- Public Notic
- QAPP Temp
- Air Pollution
- Assistance

2010 1-hr SO₂ Primary Standard: 75 ppb

When EPA revises a NAAQS, states are allowed to submit boundary designation recommendations to EPA to be considered when EPA establishes the final boundary designations. For most criteria pollutants, states are given one year following a NAAQS revision to submit their recommendations and EPA finalizes boundary designations within two years of the NAAQS revision.

The EPA has chosen a different approach to establish boundary designations under the 2010 sulfur dioxide standard. Unlike other criteria pollutants, sulfur dioxide is almost exclusively a point source-emitted pollutant. Additionally, transport of sulfur dioxide emissions is typically more localized and is less likely to be observed on a regional scale. A monitoring network large enough to adequately cover all large sources would be prohibitively expensive and an affordable network would leave large gaps in coverage. Therefore, EPA has decided to use a hybrid monitoring-modeling approach for sulfur dioxide. Additionally, EPA is splitting the boundary designation process into multiple rounds. The initial round for boundary designations was based on available ambient air quality monitoring data. Additional rounds of designations are based on a hybrid approach involving emissions inventory analysis, an enhanced monitoring network and extensive use of refined air dispersion modeling. <https://www.epa.gov/sulfur-dioxide-designations>

As the state develops new boundary designation recommendations and state implementation plans, they will be made available for public review and comment online at the Air Program's **Public Notice webpage**.

[Infrastructure plan: 2010 SO₂ standard](#) ^

[Initial round of boundary designations, state implementation plans for 2010 SO₂ standard](#) v

[Initial round: Plans for nonattainment area – Jefferson County \(part\), St. Louis](#) v

[Initial round: Plans for nonattainment area – Jackson County \(part\), Kansas City](#) v

[Round 2 -- Consent Decree Round](#)

[Round 3 -- Modeling](#) v

[Round 4 -- Monitoring](#) v

[Related Links](#) v

Vapor Recovery Information
Compliance Requirements

Contact Information

Air Pollution Control Program

P.O. Box 176
Jefferson City, MO 65102
800-361-4827
573-751-4817

[Contact Us](#)

[Report an Environmental Concern](#)

[Meet the Air Pollution Control
Director](#)

Test Page!



Infrastructure plan: 2010 SO₂ standard



Initial round of boundary designations, state implementation plans for 2010 SO₂ standard



Initial round: Boundary designations for 2010 SO₂ Standard

Date	Action
July 2011	2010 Original 1-Hour Sulfur Dioxide Boundary Recommendation and Technical Support Document  Summary of sulfur dioxide boundary recommendations 
February 2013	EPA 120-Day Letter  Attachment to EPA 120-Day Letter 
April 2013	2010 Revised 1-Hour Sulfur Dioxide Boundary Recommendation 
Aug. 5, 2013	Federal Register Notice Initial Round Boundary Designations for the 2010 SO₂ NAAQS 

Test Page!

Initial round: Plans for nonattainment area – Jefferson County (part), St. Louis



Initial round: Plans for nonattainment area – Jackson County (part), Kansas City



Round 2 -- Consent Decree Round



We want your feedback!

- Focus
- Format
- Anything else you would like to share

darcy.bybee@dnr.mo.gov
(or see me--I'll be here all day!)

Compliance Enforcement Updates

Richard Swartz

Air Pollution Control Program

Compliance Assistance

- We are always happy to assist
- Always happy to discuss a rule interpretation
- Always happy to discuss the nuances of your permit
- Always happy to help you move toward compliance

Compliance Assistance Visits

<http://dnr.mo.gov/cav/compliance.htm>



MO.gov Gov. Eric Greitens Find an Agency Online Services Search

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Programs Forms and Permits Publications Laws and Regulations Online Services Calendar of Events

Compliance Assistance Visit Requests

The Missouri Department of Natural Resources wants to help businesses, communities and industrial facilities better understand the requirements of their environmental regulations – and avoid future violations of those permits. Beginning July 1, 2014, the department’s Division of Environmental Quality will offer compliance assistance visits (CAVs) to those regulated by the department. These voluntary visits can be requested by answering the questions below or by contacting one of the department’s **regional offices**.

A CAV would be beneficial to a facility faced with a change in permit or regulatory requirements, or when there is a change in operational status or management at the facility. CAVs will assist with understanding regulatory requirements, help with achieving and maintaining compliance, and provide a continuing resource for technical assistance. CAVs are available for facilities with questions about permits or other environmental requirements.

Regional Office	Location	Phone Number
Kansas City	Lee’s Summit	(816) 251-0700
Northeast	Macon	(660) 385-8000
St. Louis	St. Louis	(314) 416-2960
Southeast	Poplar Bluff	(573) 840-9750
Southwest	Springfield	(417) 891-4300

ative will come to the facility to meet with the person requesting the visit, as well as they see that need to be addressed. Upon completion of such a visit, made regarding operations or regulatory compliance. A CAV is not intended to f the facility and will not result in a determination of compliance or compliant issues are observed, the facility will be asked to address them. In plation that poses imminent harm to human health or the environment is observed r will notify the facility and a compliance inspection will be made.

it Request
/ DNR Staff

- Air Information
- Broadcast Email Lists
- Commissions and Boards
- Commission Meetings and Events
- Contact Us
- Grants and Loans
- Land and Geology Information
- News and Multimedia
- Organizational Chart
- Public Meetings and Notices
- Report an Environmental Problem
- Rules in Development
- Site Directory
- Waste and Recycling
- Water Information

Contact Information

Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102
800-361-4827
573-751-3443
Contact Us
Report an Environmental Concern

Small Business Assistance – Air Program

<http://dnr.mo.gov/env/apcp/smbus.htm#assistance>

- **Department of Natural Resources**

Air Pollution Control Program

P.O. Box 176

Jefferson City, MO 65102

573-751-4817 Phone

800-361-4827 Phone

573-751-2706 Phone

[Carlton Flowers](#)

Enforcement

- Fewer Notices of Violation (NOVs)
- More Letters of Warning (LOWs)
- Discontinue Notices of Excess Emissions (NOEEs)
- Start up, Shut down, Malfunction justification still accepted per the state rule

Compliance Unit

Compliance Reports – Total 1,892 Last Year

- Annual Compliance Certifications – 384
- Semi-Annual Compliance – 214
- MACT & NSPS – 1,294
- Coordinate with regional office staff regarding inspections
- Coordinate variances



MISSOURI DEPARTMENT OF NATURAL RESOURCES

Russell S.			Derek A.			Heather L.			Cliff J.			Ernest W.			Jaime R.		
Subpart	Name	#	Subpart	Name	#	Subpart	Name	#	Subpart	Name	#	Subpart	Name	#	Subpart	Name	#
NSPS F	Portland Cement Plants	3	Commercial Solid Waste Incinerators Operator Training			Odors			Particulate Matter			EQ Checklist			Printing Electronic Submittals from R/O's		
NSPS HH	Lime Manufacturing	2	Wastewater Treatment Sludge Incinerators Operator Training			1110P database			NESH AP V	Equipment Leaks (Fugitive Emission Sources)	1	Major Source Boiler MACT			NSPS Ec	Hospital/Medical/Infectious Waste Incinerators Commencing After 6/20/96	1
N	Chromium Electroplating	29	NSPS Cc	Municipal Solid Waste Landfills	5	NSPS I	Hot Mix Asphalt Facilities	71	NSPS L	Secondary Lead Smelters	2	NESH AP H	Radionuclides Other Than Radon From Department of Energy Facilities	1	NSPS S	Primary Aluminum Reduction Plants	1
2X	Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	1	NSPS O	Sewage Treatment Plants	4	NSPS X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	1	NSPS R	Primary Lead Smelters	1	NSPS D	Fossil-Fuel-Fired Steam Generators Commencing After 8/17/71	5	NSPS IIII	Stationary Compression Ignition (Diesel) Internal Combustion Engines	79
3E	All Hazardous Waste Incinerators	6	NSPS CC	Glass Manufacturing Plants	2	NSPS DD	Grain Elevators	10	NSPS EE	Surface Coating of Metal Furniture	1	NSPS Da	Electric Utility Steam Generating Units Commencing After 9/18/78	5	NSPS JJJJ	Standards of Performance For Stationary Spark Ignition Internal Combustion Engines	?
3I	Flexible Polyurethane Foam Production	1	NSPS KK	Lead-Acid Battery Manufacturing Plants	4	NSPS UU	Asphalt Processing and Asphalt Roofing Manufacture	5	NSPS MM	Automobile And Light Duty Truck Surface Coating Operations	2	NSPS Db	Industrial-Commercial-Institutional Steam Generating Units	16	NSPS KKK K	Stationary Combustion Turbines	8
3L	Portland Cement Plants	5	NSPS WWW	Municipal Solid Waste Landfills	28	NSPS VVa	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry Commencing After 11/7/06	7	NSPS RR	Pressure Sensitive Tape and Label Surface Coating Operations	1	NSPS Dc	Small Industrial-Commercial-Institutional Steam Generating Units	186	O	Ethylene Oxide Sterilizers	1
3M	Pesticide Active Ingredient Production	1	NSPS CCCC	Commercial and Industrial Solid Waste Incineration Units Commencing After 11/30/99	5	NSPS NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Distillation Operations	9	NSPS SS	Industrial Surface Coating of Large Appliances	2	NSPS Y	Coal Preparation Plants	18	2D	Off-Site Waste and Recovery Operations	5
5A	Lime Manufacturing	2	NSPS DDDD	Commercial and Industrial Solid Waste Incineration Units Commencing before 11/30/99	1	NSPS OOO	OOO Test Observations	279	NSPS TT	Metal Coil Surface Coating	1	NSPS GG	Stationary Gas Turbines	31	2L	Primary Aluminum Reduction Plants	1
5G	Site Remediation	1	NSPS MMM M	Sewage Sludge Incinerators	4	NSPS RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Reactor Process	10	NSPS WW	Beverage Can Surface Coating Industry	1	NSPS JJ	Petroleum Dry Cleaners	5	3C	Wastewater Steel Pickling	1
			2I	Shipbuilding and Ship Repair	1	NSPS UUU	Calkers and Dryers in Mineral Industries	7	NSPS VVV	Polymeric Coating of Supporting Substrates	2	M	PERC Standards for Dry Cleaners	274	3G	Pharmaceutical Manufacturing	5
			2G	Aerospace Mfg. & Rework	4	F	Synthetic Hazardous Organics	1	T	Halogenated Solvent Cleaning	13	2J	Wood Furniture	11	3R	Secondary Aluminum Production	12
			2K	Printing and Publishing	4	G	Storage of Hazardous Organics	2	X	Secondary Lead Smelters	2	4D	Plywood and Composite Wood Products	1	4Y	Combustion Turbines	11
			3J	Group IV Polymers and Resins	1	H	Equipment Leaks of Hazardous Organics	5	3T	Primary Lead Smelters	1	5D	Industrial/Commercial/Institutional Boilers & Process Heater	86	4Z	RICE	186
			4A	Municipal Solid Waste Landfills	18	I	Organic Hazardous Air Pollutants for certain processes subject to the negotiated regulations for equipment leaks	2	4I	Surface Coating of Auto and Light Duty Trucks	2	5H	Miscellaneous Coating Manufacturing Facilities	3	5E	Iron and Steel Foundries	1
			4E	Organic Liquids Distribution (non-Gasoline)	2	4F	Miscellaneous Organic Chemical Manufacturing (MON)	10	4J	NESHAP for Paper & other Web Surface Coatings	3	5U	MATS	?	5J	Brick and Structural Clay Products	1
			4G	Solvent Vegetable Oil Extraction	5	4P	Plastic Parts Surface Coating	3	4K	Metal Can Coating	1				5P	Engine Test Cells/Stands	1
			5M	Flexible Polyurethane Foam Fabrication Operations	1	4V	New and Existing Boat Manufacturing Facilities	6	4M	Misc. Metal Parts and Products Surface Coating Operations	21						
						4W	Reinforced Plastic Composites Production	8	4N	Surface Coating of Large Appliances	2						
									4O	Printing, Coating and Dyeing of Fabrics and Other Textiles	1						
									4Q	Surface Coating of Wood Building Products	1						
									4R	Surface Coating of Metal Furniture	2						
									4S	Metal Coil	1						

Area Sources – Who has Authority?

- Some federal rules DNR does not have enforcement authority
- These rules still show up in your permit
- It can get confusing
- Web site clarifies authority
- <http://dnr.mo.gov/env/apcp/areasource.htm>
- Questions? Call us! (573) 751-4817

Gateway Vehicle Inspection Program

- Joint safety & emissions testing program in St. Louis metro area
- Partnership with Highway Patrol
 - Coordination with Department of Revenue
- ~750,000 vehicle inspections per year
- 850 licensed inspection stations
- 4,700 licensed inspectors

Gateway Vehicle Inspection Program

- Opus Inspection – Current Contractor
- World Wide Environmental Products –
New Contractor
- Transitioning This Spring

Stack Test Oversight

- Receive & review test protocols
- Observe emissions test
- Review test reports – received 327 reports in 2016
- CEMS audits – 4 in 2016
- stacktesting@dnr.mo.gov

Asbestos Unit

- New fees January 1, 2017
- Streamlined internal processes
- Applications modified – more user friendly
- Audit paper work modified – more user friendly for auditor and training provider
- Compliance Assistance
- AsbestosNotifications@dnr.mo.gov



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Thank you!

richard.swartz@dnr.mg.gov



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Permit Updates

Kendall Hale

Air Pollution Control Program

Operating Permit Focus

- Timely completeness reviews
- Regular correspondence with applicant
- Streamlined internal review process
- Revised application forms
- Instructions/guidance on website

Areas of Emphasis for Operating Permits

- Improved record keeping pages
- Compliance plans when necessary in order to process the application in a timely manner
- Statement of Basis
 - Explanation of rule applicability
 - Potential emissions calculations
 - History of installation, including name changes
 - Is the installation considered a Named Installation
 - Dates of relevant stack testing
 - Any other pertinent information

Basic Operating Permit Changes

- No longer required simply due to the existence of an incinerator
- In the process of changing the requirement for a Basic Operating Permit due to the applicability of a New Source Performance Standard (NSPS) or Maximum Achievable Control Technology (MACT)
- Streamlining the application process

Streamlined Basic Operating Permit Process

- Application will be in the form of an excel workbook.
- The workbook will be pre-populated with data from MoEIS and e-mailed to the company.
- Company will update emission unit list, fill in any missing data, and submit the application electronically.
- Air Program will review the application, update MoEIS, and add applicable regulations to a database.
- Final permit will be e-mailed to company.
- A more detailed presentation and discussion will occur at the next Air Forum meeting.

Basic Operating Permits

What is their Purpose?

- Provides one reference document of applicable regulations for companies and inspectors.
- Allows the Air Program an opportunity to update emission unit lists and possible missing MoEIS data.
- Applicable rules database will allow the Air Program to better identify and communicate with companies affected by new or revised regulations.

EPA's Proposed Revision to the Petition Provisions of the Title V Permitting Program

- Specifies the content and format of a Title V petition
- Provides direction as to how to submit a petition
- Requires written responses to public comments be provided to EPA with the draft Title V permit
- Provides guidance on recommended practices for permitting authorities to ensure complete administrative records and notice to the public when EPA's 45 day review period beings

Construction Permit Focus

- Improved application forms
- Changes to review process for construction industry (rock crushers, concrete batch plants, and asphalt plants)
- Size of interactive inventories used when conducting an air quality analysis
- Default release parameters used when conducting an air quality analysis

When is Modeling Required for a Construction Permit?

- If potential emissions are below or limited to the respective de minimis level, then no air quality analysis is required.
- If potential emissions are above the de minimis level, then an air quality analysis is required. A screening analysis is allowed if appropriate.
- Specifically for PM and SO₂, a refined air quality analysis is required if potential emissions are greater than 50 tons/year.

Hazardous Air Pollutant (HAP) Modeling

- Required if the potential emissions are greater than the Screen Modeling Action Level (SMAL)
- Can request a limit to less than the SMAL level and avoid modeling
- Results of modeling compared to the Risk Assessment Level (RAL)
- If there is an applicable MACT standard and the MACT has undergone a residual risk analysis, then no modeling is required

Helpful Permitting Links

- Air Pollution Control Program's Permit Webpage:
<http://dnr.mo.gov/env/apcp/permits.htm>
 - Operating and Construction Permit Fees
 - Permits on public notice
 - Issued permits
 - Construction Permit Guidance
 - Permit Modeling Guidance
 - Operating Permit Guidance (coming)
- SMAL and RAL for hazardous air pollutants
<http://dnr.mo.gov/env/apcp/docs/haps-table-rev-12.pdf>

Contact Information

- Kendall Hale, Permit Section Chief
kendall.hale@dnr.mo.gov
- Susie Heckenkamp, NSR Unit Chief
susan.heckenkamp@dnr.mo.gov
- Mike Stansfield, Operating Permit Unit Chief
michael.stansfield@dnr.mo.gov
- Permit Section Phone Number
573-526-3835



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Other Air Program Reminders

How To Stay Informed

Public notices – rules, permits, state plans:

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

Air Program Advisory Forum :

<http://dnr.mo.gov/env/apcp/airadvisory/apcpstakeholder.htm>



**Get Updates
on this
Issue**

Air Program Contact Information

Air Program's web page:

<http://www.dnr.mo.gov/env/apcp/index.html>

- firstname.lastname@dnr.mo.gov
- Front Desk (573) 751-4817

Kyra L. Moore, Director
MDNR Air Pollution Control Program
1659 E. Elm Street
Jefferson City, MO 65102
(573) 751-7840
(573) 751-0303 direct line
kyra.moore@dnr.mo.gov

Division of Environmental Quality Acting Director: Steven Feeler

Date: March 2, 2017

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