



# **Mississippi Air Update**

## **A&WMA Southern Section Meeting**

**July 31, 2009**

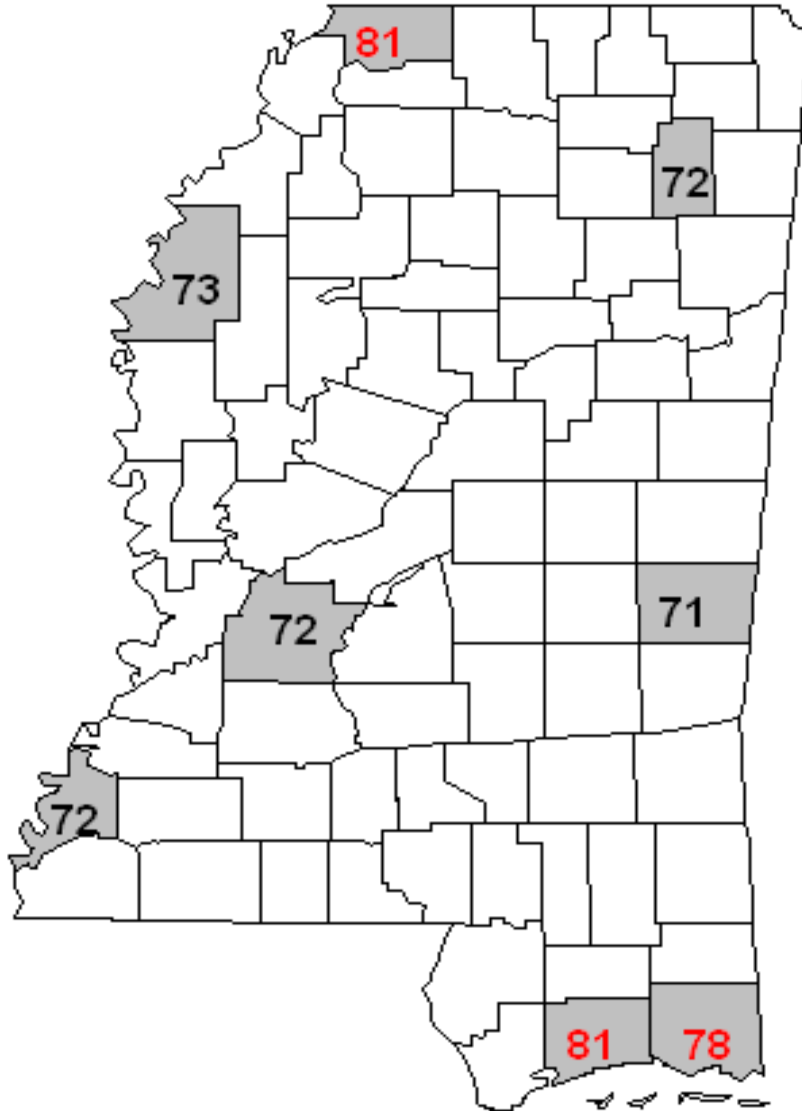


# Mississippi Update

- Ozone, PM2.5, and Lead NAAQS
- CAIR Vacatur
- Boiler MACT Vacatur
- Area Source MACT
- Lead Based Paint – RRP Rule
- Mississippi School Bus Retrofit Project



# 2006-2008 8-Hour Ozone Design Values (ppb)



**Old Standard = 84 ppb**  
**New Standard = 75 ppb**



# Ozone Designation

- Mississippi recommended DeSoto, Harrison, and Jackson Counties to be non-attainment.
- It was recommended that surrounding counties in the MSAs not be included in the non-attainment areas.
- EPA will make formal designations in March 2010.



# Mississippi Ozone 2006-2008

Old Air Quality Standard= 84 ppb

New Air Quality Standard=75 ppb

County	4 <sup>th</sup> Max			3-Year Average 2006-2008
	2006	2007	2008	
DeSoto	87	84	74	81
Harrison	84	81	78	81
Jackson	82	78	76	78



# Mississippi Ozone

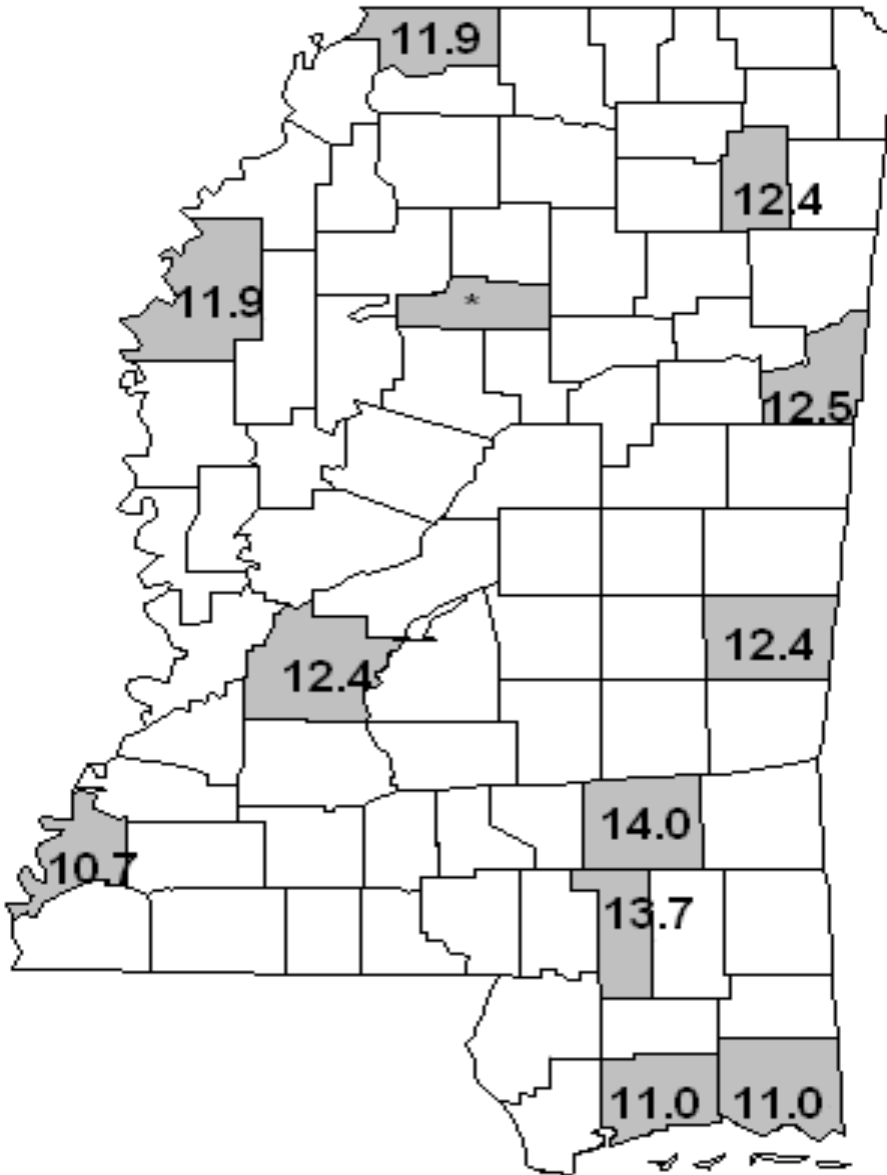
## 2007-2009 (so far)

Old Air Quality Standard= 84 ppb

New Air Quality Standard=75 ppb

County	4 <sup>th</sup> Max			3-Year Average 2007-2009
	2007	2008	2009	
DeSoto	84	74	75	77
Harrison	81	78	79	79
Jackson	78	76	73	75

# 2006-2008 Annual PM<sub>2.5</sub> Design Values

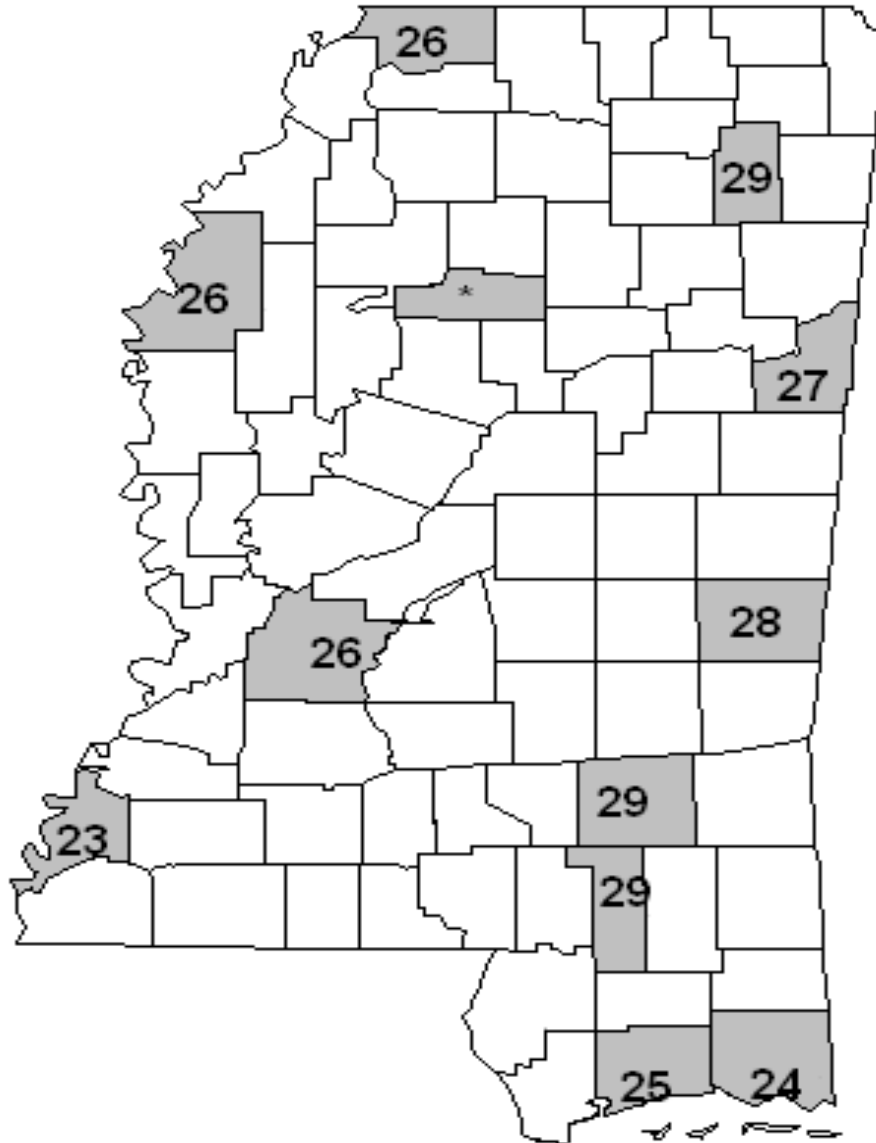


Standard = 15 ug/m<sup>3</sup>

All counties are in attainment



# 2006-2008 24-Hour PM<sub>2.5</sub> Design Values



**Standard = 35 ug/m<sup>3</sup>**

**All Counties are in attainment**



# Lead

- The lead NAAQS was changed from 1.5  $\mu\text{g}/\text{m}^3$  to 0.15  $\mu\text{g}/\text{m}^3$ .
- Mississippi last monitored for lead in 1995.
- The new regulations require lead to be monitored in the Jackson Metro Area only starting January 1, 2011.
- EPA is reconsidering the monitoring requirements.



# CAIR

- Vacated July 2008, Remanded without Vacatur December 2008
- MS Adopted CAIR by reference
- Regional Haze SIP may have to be revised
- Transport SIPs required by 110(a)(2) (d)(i) relied on CAIR and may have to be revised
- Ozone Attainment Planning will be more difficult



# Boiler MACT Vacatur

- Boiler MACT was vacated in June 2007
- MS does not believe that 112j applies
- MDEQ has a list of Q& A regarding the boiler MACT on our website

([http://www.deq.state.ms.us/MDEQ.nsf/page/Air\\_Homepage?OpenDocument](http://www.deq.state.ms.us/MDEQ.nsf/page/Air_Homepage?OpenDocument))



# Area Source MACT

- EPA has promulgated Area Source MACT Standards covering 60 of the 70 source categories.
- MS is working to identify the facilities applicable to these Standards.
- This has been a very resource intensive process.



# Lead Based Paint - RRP

- EPA published the Lead Renovation, Repair and Painting (RRP) Program on April 22, 2008.
- By April 2010, training providers must be accredited, renovation firms and dust sampling technicians must be certified.
- MS is planning on accepting the RRP program delegation
- Enabling Legislation was passed during the 2009 legislative session
- Draft Regulation have been submitted to EPA for Comment



# Mississippi School Bus Retrofit Project

- Began with 2008 DERA grant and State match
- 2009 ARRA funding for \$1.7 million continued the program
- Retrofit buses with Diesel Oxidation Catalyst
- Retrofits recently began in DeSoto, Lafayette, and Pontotoc counties



# Contact information

- Maya Rao, Air Division Chief  
601-961-5242 mrao@deq.state.ms.us
- Elliott Bickerstaff – CAIR  
601-961-5176 ebickerstaff@deq.state.ms.us
- B J Hailey – MACT standards  
601-961-5783 bjhailey@deq.state.ms.us
- Jimmie Asbill – Lead RRP  
601-961-5164 jasbill@deq.state.ms.us



# Contact Information

- Harry Wilson, Chief  
Environmental Permits Division  
601-961-5073
- Chris Sanders, Chief  
Environmental Compliance and Enforcement  
Division  
601-961-5682