

2010 Air Updates

- ▶ Changes to Ambient Standards
- ▶ Permit renewals and COCs
- ▶ Title 129 Chapter 34 implementation
- ▶ Credible Evidence

NOx Ambient Standard

- ▶ NOx
 - New standard 75 ppb
 - 1 hour standard
 - 3 year average 98th percentile
 - ▶ Daily maximum 1 hour
 - Initial designations by January 2011
 - EPA designations by January 2012

NOx ambient Standard

- ▶ Old NOx standard
 - 0.05 ppm (50 ppb)
 - Annual standard
- ▶ Modeling impacts
 - Going from annual to 1 hour standard

SO2 Ambient Standard

- ▶ New standard
 - 75 ppb
 - 1 hour standard
 - 3 year average 99th percentile
 - ▶ Daily maximum 1 hour
 - Initial designations by June 2011
 - EPA designations by June 2012

SO2 Ambient Standards

- ▶ Old Standard
 - 140 ppb – 24 hour
 - 30 ppb – 1 year average
- ▶ Modeling impacts
 - From 24 hr & 1 year to 1 hour standard
 - Modeling as part of designation process

Lead

- ▶ New Standard
 - 1.5 micrograms/ cubic meter
 - ▶ Rolling 3 month average
 - Source oriented monitoring
 - ▶ Emit 1 ton or more of lead

Ozone

- ▶ Proposed Standard
 - Between 0.06-0.07 ppm
 - ▶ 8 hour standard
 - Current standard 0.075
 - ▶ Omaha area over 0.064
 - 4th high – 3 year average
 - ▶ Agate fossil beds 0.066

COC's

- ▶ Certification of Compliance
 - By March 31 of each year
 - Operating Permit renewals
 - ▶ Two certification reports required
 - One covers time period for old permit
 - Second to cover time period for new permit

Chapter 34

- ▶ Stack (performance)testing notifications
 - "The owner or operator of a source shall provide the Department 30 days notice prior to testing to afford the Department an opportunity to have an observer present"

Chapter 34

- ▶ Notifications
 - Date of testing – no “during the week of”
 - ▶ Which unit on which day
 - Normal business hours unless otherwise notified
 - No notices less than 30 days
- ▶ Doesn't affect federally available exceptions

Credible Evidence

- ▶ 40 CFR Part 60.11- For the purpose of submitting compliance certifications.... nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

Questions?
