

Arkansas Air Quality





We are in the top 1/3 of states for quality air



What can cause certain areas to have more pollution?

- More concentrated population / high population
- Cars and factories
- Fires

Clean Air Act

- Air quality fluctuates during the day and over periods such as seasons
- All motor vehicle emissions contribute carbon monoxide, especially in populated areas like Pulaski County





Arkansas is one of few states that consistently meet federal air quality standards.





Can agriculture cause air pollution?

The following can be air pollutants:

- agricultural processing emissions
- confined animal operation emissions
- dust from tillage; ammonia and other gases
- smoke from burning rice and wheat straw, wildfires and “controlled forest burns.”





Research into air emissions and ways to reduce them in animal confinement production are an emphasis in several states



Poultry

Current Research

- Dietary influence and particulates
- Factors influencing gas production
- Effect of manure management
- Reducing odor and dust by plants foliage



Swine

Current Research

- Dietary influence on gas and particulate emissions
- Building design, management and weather
- Measuring sulfide, ammonia and other emissions





More than 2000 animal feeding operations have signed EPA agreements regarding air compliance.

Current U.S Regulatory Activity

- The ramifications of the CAA are unfolding
- Emissions will be monitored for 2 years starting in 2006
- Animal operations must be in compliance with air codes

For More Info Visit:

<http://www.adeq.state.ar.us/air/ozone/ozonedays.asp>

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