

The top five contributors (excluding biogenics) of PM_{2.5} emissions in Arkansas according to the 2011 NEI include:

| Sector | % of Total Emissions excluding Biogenics |
|---|---|
| 1) Prescribed Fires | 39% |
| 2) Agricultural Crop and Livestock Dust | 19% |
| 3) Unpaved Road Dust | 13% |
| 4) Wildfires | 7% |
| 5) Agricultural Field Burning | 5% |

As a group, please brainstorm control measures you would be interested in including in the SIP to address PM_{2.5} pollution in Arkansas, particularly measures to address the top five sectors contributing to PM_{2.5} emissions listed above. The “Menu of Control Measures” document, which lists examples of control measures for particulate matter, has been provided; however, any ideas are welcome. Please address the questions below for each control measure your group recommends. Please take notes regarding your discussion in the spaces provided. If you require more space, feel free to write on the back of this page. A representative from your group will be asked to present the ideas discussed by your group during this brainstorming session.

1) Describe a control measure that you think might be beneficial to include in the SIP and how you think that measure could be implemented in Arkansas.

a. What are the likely benefits of implementing such a measure?

b. What are the likely costs to the regulated sector and the public for implementing this measure?

c. Does ADEQ currently have the authority to enforce this measure? If not, what mechanism do you suggest to establish authority to implement and enforce this measure?