

## **OZONE ADVANCE PROGRAM FOR CRITTENDEN COUNTY**

### **What is the Ozone Advance Program?**

The Ozone Advance Program is a voluntary program that encourages collaboration between government, businesses, and citizens. The goal of the program is to achieve reductions in ozone emissions.

### **What are the effects of ozone pollution?**

Breathing ozone can trigger a variety of health problems, particularly for children, the elderly, and people who have asthma. Ozone can also have harmful effects on sensitive vegetation and ecosystems.

### **What are the sources of ozone pollution?**

Ozone is created by chemical reactions between oxides of nitrogen (NO<sub>x</sub>) and volatile organic compounds (VOC) in the presence of sunlight. Emissions from industrial facilities and electric utilities, motor vehicle exhaust, gasoline vapors, and chemical solvents are some of the major sources of NO<sub>x</sub> and VOC.

### **What strategies are available to control ozone pollution?**

Voluntary measures to control ozone pollution include (but not limited to) the replacement of diesel engines with alternative fuel vehicles, energy conservation improvements to public and private buildings, enhancement of public transportation, and expansion of pedestrian and bicycle routes.

### **How do I participate in the Ozone Advance program?**

All participants in the Ozone Advance program for Crittenden County will be able to contribute to the development of a voluntary emissions strategy plan for the county. Some participants will be able to establish voluntary emission reduction measures at their facility or institution. Other participants may be able to assist with public outreach and education programs developed under the strategy plan.

### **What other benefits are available for participation?**

Funding and grants are available for the replacement of diesel equipment, weatherization of buildings, public transportation improvements, and other ozone reduction measures.

### **How do I get more information?**

The EPA Advance Program web site can be found at [www.epa.gov/advance](http://www.epa.gov/advance). Tricia Treece ([treecep@adeq.state.ar.us](mailto:treecep@adeq.state.ar.us); 501-682-0055) and William Montgomery ([Montgomery@adeq.state.ar.us](mailto:Montgomery@adeq.state.ar.us); 501-682-0885) with the Arkansas Department of Environmental Quality are the program coordinators for the Crittenden County Ozone Advance program.