

MEMORANDUM OF AGREEMENT
ON AIR QUALITY MONITORING FOR PARTICULATE MATTER IN CRITTENDON
COUNTY FOR RESEARCH PURPOSES

Participating Agencies:

Shelby County Health Department (SCHD)
Air Pollution Control Program

Arkansas Department of Environmental Quality (ADEQ)
Office of Air Quality

PURPOSE, OBJECTIVES and GOALS

The purpose of this Memorandum of Agreement (MOA) is to allow SCHD to locate a monitor intended to measure particles of an aerodynamic diameter of 10 micrometers and less (PM₁₀) at a site where ADEQ currently operates monitors for particles of an aerodynamic diameter of 2.5 micrometers and less (PM_{2.5}), ozone, and oxides of nitrogen (NO_x) at the corner of Polk and Colonial Dr. in Marion, Arkansas ("the Site"). This MOA is intended to allow SCHD to install and operate the PM₁₀ monitor for the purpose of performing a study in partnership with the University of Memphis intended to characterize community exposure to polycyclic aromatic hydrocarbons in the metropolitan area of Memphis, TN. This MOA is entered into with the understanding that the data produced by the PM₁₀ monitor to be located at the Site will be used for research purposes.

RESPONSIBILITIES and ACTIONS

Each of the parties to this Agreement is responsible for ensuring that its obligations are met. As conditions warrant, the affected agencies may conduct telephone conference calls, meetings, or other communications to discuss monitoring activities for the PM₁₀ monitor at the Site. Each affected agency shall inform the other affected agency of any changes to any of the monitors operating at the site that are owned or operated by the other party.

1. SCHD agrees to bear responsibility for all costs associated with the installation and operation of the PM₁₀ monitor at the Site.
2. ADEQ shall not bear financial responsibility for any loss or damage to the PM₁₀ monitor at the Site.
3. In the event that the actions of SCHD in operating the PM₁₀ monitor at the site causes physical damage to the existing equipment at the Site, SCHD agrees to reimburse ADEQ for the costs of any needed repairs.

4. SCHD agrees to make all data collected from the PM₁₀ monitor at the Site available to ADEQ upon request.
5. ADEQ agrees to allow installation and operation of the PM₁₀ monitor at the Site for the duration of the underlying study.

TERMINATION

This Memorandum of Agreement may be revised upon the mutual consent of SCHD and ADEQ. Each party reserves the right to terminate this MOA. A thirty (30) day written notice must be given to all participating agencies prior to the date of termination.

APPROVALS

We the undersigned agree with the provisions outlined in this MOA and commit our agencies to implement them in a spirit of cooperation and mutual support.

Shelby County Health Department (SCHD)
Air Pollution Control Program

BY: Larry J. Smith

TITLE: Asst. Manager Pollution Control Shelby County TN

DATE: 11-20-17 901-222-9575

Arkansas Department of Environmental Quality (ADEQ)
Office of Air Quality

BY: Beryl W. Kuo

TITLE: Director, Arkansas Dept of Environmental Quality

DATE: 12-4-17