

ARKANSAS DEPARTMENT OF  
POLLUTION CONTROL AND ECOLOGY

MINUTE ORDER NO. 76-29

LOCATION - SUBJECT: \_\_\_\_\_

R&D GRANT AUTHORIZATION  
PAGE 1 of 1 PAGES

The Commission hereby authorizes the Department to proceed with a vegetative effects study in Columbia and Union counties as outlined in a June 23, 1976 letter to Mr. Henry Winders of the United States Environmental Protection Agency (copy is attached) provided, however, that necessary matching support is provided by said agency to permit the expenditure of R&D funds.

COMMIS-  
SIONERS

*[Handwritten signatures and initials]*  
R&D for NFW

Billy Frew  
CHAIRMAN

SUBMITTED BY Jarrell E. Southall, Chief DATE PASSED 6/25/76  
Division of Air Pollution Control



STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 NATIONAL DRIVE  
LITTLE ROCK, ARKANSAS 72209

501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.

June 23, 1976

Mr. William Henry Winders  
Air Program Branch  
Air and Hazardous Materials Division  
Environmental Protection Agency  
Region VI  
1600 Patterson, Suite 1100  
Dallas, TX 75201

Dear Mr. Winders:

This Department, subject to the concurrence of the Commission on Pollution Control and Ecology, will initiate and support a vegetative effects study to precede and complement EPA's ambient air quality study in Columbia and Union counties.

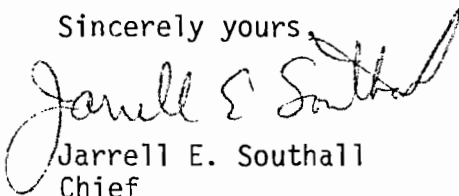
Chemical and biological analyses of the vegetative effects study will be accomplished by Drs. Charles Rogers and Hugh Johnson of Southern State College in Magnolia. Special emphasis will be given to monitoring respiration and photosynthesis rates. Additionally, sulfur concentrations in the air and in vegetative tissue will be determined.

To support this study, the Department will provide approximately \$5,000 of its R & D funds (not program funds) and the use of various monitoring equipment such as the H<sub>2</sub>S/SO<sub>2</sub> continuous monitor, the acoustical sounder and standard meteorological monitoring equipment. Of course, the laboratories and equipment of Southern State College would be available.

Since the expenditure of R & D funds is constrained by a legislative requirement of at least 50% matching by private or federal funds and since additional funds would enable the acquisition of additional equipment, I request EPA's support of the study as described above in the form of a supplemental grant to the Department. The amount of federal funds requested is at least \$5,000 in order to meet the previously mentioned legislative requirement. Federal support beyond the \$5,000 is also requested, consistent with federal grant requirements, to match the facilities support at Southern State.

Please call at your earliest opportunity in order that the study can be promptly initiated with EPA support.

Sincerely yours,

  
Jarrell E. Southall  
Chief  
Air Pollution Control Division



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June 23, 1976


Mr. Henry Winders  
Environmental Protection Agency  
Air Programs Branch  
1600 Patterson, Suite 1100  
Dallas, Texas 75201

Dear Mr. Winders:

Mr. Jarrell Southall has informed me of difficulties your office has experienced in obtaining funds to support the "bromine study" in south Arkansas. To assist your efforts, I am hereby informing you that the Final Financial Status Report for FY-76 will reflect at least \$40,000 of federal grant funds as unmatched and unexpended. As you know, this "turn back" is primarily created by the Department's historic difficulties in maintaining a staff level consistent with the line item appropriation for personnel salaries. Since funds under that line item can not be expended — under Arkansas law — for any purpose other than personnel, unexpended funds must be turned back.

We hope this early notice will enable your office to provide support to the needed bromine study.

Sincerely yours,

  
A. R. Sacrey, Jr.  
Fiscal Officer

ARS/dm