

The Commission, having considered the following Application for permits submitted by the following respective firms and having reviewed the staff recommendations and the Summary Reports attached hereto, does hereby approve said Applications subject to the conditions contained with the Applications, Summary Reports, or amendments thereto, and Subsection 4(d) of the Arkansas Plan of Implementation; provided, however, that the applicant is hereby ordered and directed to comply with all general terms of the permit and all special terms and conditions to the permit, if any, which are so specified.

APPLICATION FOR PERMIT - INDUSTRIAL FACILITIES

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
75-A (Mod)	Arkansas Cement Corp. Foreman	6,200,000
118-A (Mod)	Manville Forest Products Huttig	40,000
409-A (Mod)	Riverside Furn. Corp. Ft. Smith	160,000
424-A (Mod)	Ethyl Corp. Magnolia	152,000
671-A	Diaz Refinery Diaz	NA

The Summary Report, prepared by the staff, is designed to facilitate the administration of the air pollution control program for the State of Arkansas, and, otherwise, for the convenience of the Commission and other interested persons. Copies of the Minute Order, the Permit, and the Summary Report, is to be attached to the Application for Permit which is on file in the Department's central office. It is

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Arkansas Cement Corporation

P. O. Box 130, Foreman, AR

CSN 41-0032 CASE REFERENCES _____

FIRST SUBMITTAL 2-18-82 AMENDED _____

SUMMARY:

Arkansas Cement proposes to install a gravel bed filter to control particulate discharge from their three clinker coolers more efficiently than is presently being accomplished using existing multiclones. The filter unit will consist of fourteen modules each containing a layer of granular pebbles. The raw gas passes a plenum compartment where the coarse dust particles precipitate by loss of velocity. From here the gas enters the cyclone-type separator, where the medium size particles are precipitated, falling down to the lower cone. The ascending gas then enters a vortex tube and passes through the actual filter compartment. Gas traverses the bed from top to bottom, where dust particles are deposited on the surface of the gravel bed as well as in the empty spaces. The cleaning is controlled intermittently by a timer with only one module being cleaned at a time. Arkansas Cement is currently allowed to emit 132 lb/hr, 157 lb/hr, and 186 lb/hr from the #1, #2, #3 coolers respectively. Upon installation of the new filter the total emission rate of the three coolers will be 25 pounds of particulate per hour.

ESTIMATED COST: \$ 6,200,000 TOTAL PROJECT: \$ 6,200,000

COMMENCEMENT OF INSTALLATION June 1982 COMMENCEMENT OF OPERATION Nov. 1982

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 75-A (Mod)

AIR CODE X SIP X PSD NO NSPS NO NESHAPS NO

REVIEWED BY MP APPROVED BY JDW APPROVAL DATE 3-26-82

PUBLIC NOTICE

Pursuant to Section 51.18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Arkansas Cement proposes to install a gravel bed filter to control particulate discharge from their three clinker coolers more efficiently than is presently being accomplished using existing multiclones. Arkansas Cement is currently allowed to emit 132 lb/hr, 157 lb/hr, and 186 lb/hr from the #1, #2, #3 coolers respectively. Upon installation of the new filter the total emission rate of the three coolers will be 25 pounds of particulate per hour.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the County Clerk's office, Little River County Courthouse, Ashdown, AR.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 17th day of March, 1982.

Jarrell E. Southall
Director

MAILING LIST:

PUBLIC NOTICE - Mailed 3-17-82

Arkansas Cement Corp. - 75-A (Mod)
Foreman, AR

The Arkansas Democrat
E. Capitol and Scott Streets
Little Rock, AR 72201

The Arkansas Gazette
112 W. 3rd St.
Little Rock, AR 72201

Little River News
45 E. Commerce
Ashdown, AR 71822

Mrs. Eula Capps, Mayor of Foreman
P. O. Box 10
Foreman, AR 71836

The Hon. Judge Hoyo Horn
Little River County Courthouse
Ashdown, AR 71822

Mark Johnson, Director
Arkansas Dept. of Local Services
#1 Capitol Mall
Little Rock, AR 72201

*Ms. Dolores Pullen, County Clerk
Little River County Courthouse
Ashdown, AR 71822

Mr. John Gallion, Chief
Air Quality Service
Oklahoma Dept. of Health
N.E. 10th and Stonewall
Oklahoma City, OK 73152

Mr. Bill Stewart, P.E.
Exec. Director
Texas Air Control Board
6330 Hwy. 290 East
Austin, TX 78723

James B. Gordon
Arkansas Cement Corp.
P. O. Box 130
Foreman, AR 71836

*Ellen D. Greeney
105 Project Officer
Environmental Protection Agency
Region VI
First International Bldg.
1201 Elm St.
Dallas, TX 75270

*Receives Packet

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Manville Forest Products
Huttig, AR

CSN 70-0013 CASE REFERENCES _____

FIRST SUBMITTAL 10-23-81 AMENDED 2-2-82

SUMMARY:

Manville Forest Products has purchased the sawmill and plywood mill formerly owned by Olinkraft at Huttig. Manville proposes the installation of some new equipment and the reconfiguration of part of the existing equipment. The changes in process and control equipment will result in a decrease in particulate emissions.

ALLOWABLE PARTICULATE EMISSIONS

	pounds/hour
Cyclone No. 1	15
Cyclone No. 2	37
Cyclone No. 3	33
Cyclone No. 4	50

ESTIMATED COST: \$ 40,000 TOTAL PROJECT: \$ 15,000,000

COMMENCEMENT OF INSTALLATION 4-1-82 COMMENCEMENT OF OPERATION 1-1-83

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 118-A (Mod)

AIR CODE _____ SIP X PSD _____ NSPS _____ NESHAPS _____

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE 3-26-82

PUBLIC NOTICE

Pursuant to Section 51.18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Manville Forest Products has purchased the sawmill and plywood mill formerly owned by Olinkraft at Huttig. Manville proposes the installation of some new equipment and the reconfiguration of part of the existing equipment. Also proposed is the upgrading of the particulate control equipment such that there will be a decrease in emissions.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or Barton Library, El Dorado, AR.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 2nd day of March, 1982.

Jarrell E. Southall
Director

MAILING LIST:

PUBLIC NOTICE - Mailed 3-2-82

Manville Forest Products - 118-A (Mod)
Huttig, AR

The Arkansas Democrat
E. Capitol and Scott Sts.
Little Rock, AR 72201

The Arkansas Gazette
112 W. 3rd St.
Little Rock, AR 72201

El Dorado News-Times
111 N. Madison
El Dorado, AR 71730

The Hon. Thomas A. Cain
Mayor - City of Huttig
P. O. Box 406
Huttig, AR 71747

The Hon. Judge Mike Dumas
Union County Courthouse
El Dorado, AR 71730

Mark Johnson, Director
Arkansas Dept. of Local Services
#1 Capitol Mall
Little Rock, AR 72201

*Ms. Nancy Arn
Barton Library
E. 5th & N. Jefferson
El Dorado, AR 71730

Mr. Gus Von Bodungen, Chief
Air Quality Division
Office of Env. Affairs
Dept. of Natural Resources
P. O. Box 44066
Baton Rouge, LA 70804

Wilbur Bolding
Manville Forest Products Corp.
P. O. Box 317
Huttig, AR 71747

*Ellen D. Greeney
105 Project Officer
Environmental Protection Agency
Region VI
First International Bldg.
1201 Elm St.
Dallas, Texas 75270

*Receives Packet

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Riverside Furniture Corp.
Ft. Smith, AR

CSN 66-0004 CASE REFERENCES _____

FIRST SUBMITTAL 2-10-82 AMENDED _____

SUMMARY:

Riverside Furniture Corp., plant no. 6 of Fort Smith, AR proposes to install a new fabric filter to replace an existing fabric filter and cyclone bank. Furthermore, a Remcon System (water addition) will be added to cyclone no. SN-3 for additional reduction of total emissions.

The allowable emission rates for filters SN-1 and SN-2 will be 1 lb/hr. The allowable rate for SN-3 will be 2 lb/hr.

Due to the small emission rates no sampling program is required.

ESTIMATED COST: \$ 160,000 TOTAL PROJECT: \$ 160,000

COMMENCEMENT OF INSTALLATION 4-82 COMMENCEMENT OF OPERATION 7-82

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 409-A(Mod)

AIR CODE X SIP X PSD _____ NSPS _____ NESHAPS _____

REVIEWED BY MAP APPROVED BY JDW APPROVAL DATE 3-26-82

PUBLIC NOTICE

Pursuant to Section 51.18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Riverside Furniture Corp., Plant No. 6 of Fort Smith, AR proposes to install a new fabric filter to replace an existing fabric filter and cyclone bank. Furthermore, a Remcon System (water addition) will be added to cyclone no. SN-3 for additional reduction of total emissions.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Fort Smith Public Library.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 2nd day of March, 1982.

Jarrell E. Southall
Director

MAILING LIST:

PUBLIC NOTICE - Mailed 3-2-82

Riverside Furn. Corp., Plant #6 - 409-A(Mod)
Ft. Smith, AR

The Arkansas Democrat
E. Capitol and Scott Sts.
Little Rock, AR 72201

The Arkansas Gazette
112 W. 3rd St.
Little Rock, AR 72201

Southwest Times Record
920 Rogers
Ft. Smith, AR 72901

The Hon. Jack Freeze
Mayor - City of Ft. Smith
P. O. Box 1908
Ft. Smith, AR 72901

The Hon. Bob Boyer, Judge
Sebastian County Courthouse
Ft. Smith, AR 72901

Mark Johnson, Director
Arkansas Dept. of Local Services
#1 Capitol Mall
Little Rock, AR 72201

*Mrs. Thelma Wray
Ft. Smith Public Library
61 S. 8th
Ft. Smith, AR 72901

Mr. John Gallion, Chief
Air Quality Service
Okla. Dept. of Health
N.E. 10th & Stonewall
Oklahoma City, OK 73152

Tom Pierce, Director, Facilities Planning
Riverside Furniture Corp., Plant #6
1301 So. 6th St.
Ft. Smith, AR 72901

*Ellen D. Greeney
105 Project Officer
Environmental Protection Agency
Region VI
First International Bldg.
1201 Elm St.
Dallas, Texas 75270

*Receives Packet

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Ethyl Corp.
Magnolia, AR

CSN 14-0028 CASE REFERENCES _____

FIRST SUBMITTAL 2-2-82 AMENDED 2-22-82

SUMMARY:

Ethyl proposes the production of decabromobiphenyl oxide (DBBPO), a fire retardant, in an existing facility. Diphenyloxide (DPO) is brominated in a reactor producing the product as a solid, and evolving HBr as a gas. The HBr is recovered by being absorbed in water and recycled to another existing process. The off-gases from the reactor and the HBr recovery are controlled with a scrubber (SN-1). The unreacted bromine in the product is recovered and recycled. The wet product is then dried with the particulate emission being controlled by a baghouse (SN-4). Ethyl requests that portions of the process information remain confidential.

ALLOWABLE EMISSION RATES

		pounds per hour
SN-1	HBr Recovery, scrubber	0.1 Br
SN-2	DPO Storage, N2 blanket, conservation vent	0.1 DPO
SN-3	H2SO4 Storage, conservation vent	0.01 H2SO4
SN-4	Drying Area, baghouse	0.05 DBBPO
SN-5, SB-6	Product Storage and Handling, baghouses	0.01 DBBPO

The opacity shall not exceed 10 percent from each of the above emission points.

ESTIMATED COST: \$ 152,000 TOTAL PROJECT: \$ 5,900,000

COMMENCEMENT OF INSTALLATION Apr., 1982 COMMENCEMENT OF OPERATION Feb., 1983

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 424-A (Mod)

AIR CODE X SIP _____ PSD _____ NSPS _____ NESHAPS _____

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE 3-26-82

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Diaz Refinery
Diaz

CSN 34-0039 CASE REFERENCES _____

FIRST SUBMITTAL 2-10-82 AMENDED 2-26-82

SUMMARY:

Diaz Refinery operates a facility at Diaz which reclaims solvents by batch distillations. Remaining after each distillation is the heavier fraction known as still bottoms. Diaz Refinery now proposes the installation of equipment to use the still bottoms as fuel to produce steam at a maximum rate of 200 boiler horsepower (7,000 pounds per hour of steam). Approximately 50 percent of the steam produced will be used in the distillation columns, and the remainder will be used to generate electricity. The allowable particulate emission rate is 0.05 grains per dry standard cubic foot at six percent CO₂, and 0.6 pounds per hour. The opacity shall not exceed 10 percent.

Qualifications:

1. Within 60 calendar days of start-up, the particulate emission rate shall be measured using the methods described in Appendix A of 40 CFR 60.
2. Until such time that the Department notifies the applicant otherwise in writing, each batch of waste solvent received will be analyzed for halogens, metals and any other substance which the Department may require. The still bottoms from each batch shall likewise be analyzed and the analysis submitted to the Department for approval prior to the introduction of each batch of still bottoms to the fuel feed tank.

ESTIMATED COST: \$ _____ TOTAL PROJECT: \$ 150,000

COMMENCEMENT OF INSTALLATION Upon approval COMMENCEMENT OF OPERATION _____

RECOMMENDATION Approval with Qualifications ASSIGNED PERMIT NUMBER 671-A

AIR CODE X SIP _____ PSD _____ NSPS _____ NESHAPS _____

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE 3-26-82