

MINUTE ORDER NO. 79-29

Air Permits  
PAGE 1 OF 2 PAGES

The Commission, having considered the following Applications for permit 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 Application, Summary Reports, or amendments thereto, and Subsection 4(d) of the Arkansas Plan of Implementation; provided, however, that each 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 &amp; LOCATION</u>	<u>COST</u>
445-A (Modification)	Dow Chemical Corporation Russellville	\$ 25,000
448-A (Modification)	Reynolds Metals Company Jones Mill	10,000
470-A (Modification)	Weiner Grain Drying Co-op Weiner	15,000
475-A (Modification)	Lonoke Grain Drying Co-op Lonoke	17,000
511-A (Modification)	United States Steel Corporation El Dorado	-
516-A (Modification)	Temple-Eastex, Incorporated West Memphis	50,000
549-A	Ben M. Hogan Company Little Rock	160,000
550-A	Sol Alman Company Little Rock	10,000
551-A	C and S Lumber Company Carthage	30,000
552-A	Ethyl Corporation Magnolia	75,000
553-A	Great Lakes Chemical Corporation El Dorado	60,000

COMMISSIONERS

*[Handwritten signatures and initials over the table rows]*

*Ralph A. DeMaas*  
CHAIRMAN

SUBMITTED BY John A. Mitchell DATE PASSED 5-25-79

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Dow Chemical Corporation

Russellville

CSN 580011

FIRST SUBMITTAL 4-10-79 AMENDED \_\_\_\_\_

CASE REFERENCES 445-A

SUMMARY:

Dow Chemical Corporation of Russellville requests a modification of their permit # 445-A. Permit 445-A calls for a scrubber to be installed to reduce NO<sub>x</sub> emissions from 38.6 pounds an hour to 2.7 pounds per hour. Dow states they have made a confidential process change which reduces emissions to 13 pounds an hour of NO<sub>x</sub> and 13.5 pounds an hour of hydrocarbons and requests that they not be required to install the scrubber. Dow also states that the operation of the scrubber would constitute a solid waste and water problem.

Qualification:

Dow will sample the emission point in question for NO<sub>x</sub> and hydrocarbons and report these results to the Department within 180 days of the start up of the plant.

ESTIMATED COST \$ 25,000 TOTAL PROJECT \$ 6,400,000

COMMENCEMENT OF INSTALLATION 12-12-78

COMMENCEMENT OF OPERATION 5-28-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval with Qualification

ASSIGNED PERMIT NUMBER 445-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Reynolds Metals Company

Jones Mill

CSN 300030

FIRST SUBMITTAL 4-19-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Reynolds Metals Company proposes to increase the capacity of the previously permitted cold rolling mill and the addition of six aluminum holding furnaces. Emissions from the additional equipment are minimal (less than three pounds an hour per furnace). Emissions from the increase in the capacity will be controlled by the previously permitted control equipment which has a rated collection efficiency greater than 95%.

ESTIMATED COST \$ 10,000 TOTAL PROJECT \$ 36,000,000

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 4-1-80

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 448-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Weiner Grain Drying Co-op

Weiner

CSN 560009

FIRST SUBMITTAL 5-7-79 AMENDED \_\_\_\_\_

CASE REFERENCES Permit No. 470-A, approved 5-26-78

SUMMARY:

Weiner Grain Drying, a Co-op of Riceland Foods, plans to install a new bag filter to control trash and dust from grain handling operations.

Existing dust and trash system lines discharge directly into a trash bin, creating a source of uncontrolled emissions. The proposed bag filter, with a rotary valve, will eliminate this problem.

The bag filter, manufactured by Aeropulse, will have a 15,000 cubic foot per minute capacity and a 10-to-1 air-to-cloth ratio.

ESTIMATED COST \$ 15,000 TOTAL PROJECT \$ 30,000

COMMENCEMENT OF INSTALLATION 5-15-79

COMMENCEMENT OF OPERATION 8-1-79

REVIEWED BY JBj APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 470-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Lonoke Grain Drying Co-op  
Lonoke

CSN 430005

FIRST SUBMITTAL 5-7-79 AMENDED \_\_\_\_\_

CASE REFERENCES Permit No. 475-A, approved 5-26-78

SUMMARY:

Lonoke Grain Drying, a co-op of Riceland Foods, plans to install a new bag filter to control trash and dust from grain handling operations.

Existing dust and trash system lines discharge directly into a trash bin, creating a source of uncontrolled emissions. The proposed bag filter, with a rotary valve, will eliminate this problem.

The bag filter, manufactured by Tech-Aire, will have a 15,000 cubic foot per minute capacity and a 10-to-1 air-to-cloth ratio.

ESTIMATED COST \$ 17,000 TOTAL PROJECT \$ 30,000

COMMENCEMENT OF INSTALLATION 5-15-79

COMMENCEMENT OF OPERATION 8-1-79

REVIEWED BY JBj APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 475-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY United States Steel Corporation  
El Dorado

CSN 700103

FIRST SUBMITTAL 7-12-78 AMENDED 3-28-79

CASE REFERENCES \_\_\_\_\_

SUMMARY:

United States Steel Corporation (USS Realty - El Dorado Plant) seeks to amend Permit No. 511-A to allow firing residual oil of up to 6% sulfur content in its boiler, in the event of unavailability of low sulfur oil or natural gas. Boiler capacity is 5,157 pounds of steam per hour (6.3 million BTU per hour). Maximum predicted emissions of sulfur dioxide are 30.6 pounds per hour, or 99.4 tons per year based on 87% load and 6500 hours per year operation; actual annual emissions are expected to be less. Dispersion modeling predicts a maximum ground level concentration for sulfur dioxide of 0.11 parts per million (293 micrograms per cubic meter), which is well below the state standard of 0.2 parts per million.

The plant will not be subject to the State Implementation Plan or Prevention of Significant Deterioration Regulations.

ESTIMATED COST \$ \_\_\_\_\_ TOTAL PROJECT \$ \_\_\_\_\_

COMMENCEMENT OF INSTALLATION \_\_\_\_\_

COMMENCEMENT OF OPERATION \_\_\_\_\_

REVIEWED BY STC APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 511-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Temple-Eastex, Inc.

West Memphis

CSN 180084

FIRST SUBMITTAL 4-25-79 AMENDED Permit Modification to the  
Temple Gypsum Plant, W. Memphis

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Temple-Eastex proposes the addition of a new calcining mill at their West Memphis operation. Raw gypsum rock is ground and then subjected to heat in the calcining mill to remove the water of hydration. The emissions from the dryer will go to a cyclone and then to an ESP to remove the fines from the exhaust air. The material collected is put back into the process. Estimated emissions will be less than one pound an hour. As the rated efficiency of the collection equipment is greater than 96%.

ESTIMATED COST \$ 50,000 TOTAL PROJECT \$ 50,000

COMMENCEMENT OF INSTALLATION 5-1-79

COMMENCEMENT OF OPERATION 6-1-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 516-A (Modification)

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Ben M. Hogan Company, Inc.  
Dixon Road, Little Rock

CSN 881608

FIRST SUBMITTAL 3-23-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Ben Hogan began construction of a new asphalt plant February 1, 1979. A combination of stone varying in size from one micron to 3/4 inch is stock piled at the plant. The material is transported from the pile by a front-end loader to a hopper. The material is moved by conveyer belt from the hopper to a two stage rotary drier mixer. Emissions from the drier are controlled by a bag house. The emissions from the bag house will not exceed the New Source Performance Standards of .04 grains per dry standard cubic foot. In the second stage of the drier mixer, liquid asphalt is mixed with the stone and blended into an asphalt mix. The asphalt mix is then transported to a storage elevator where it is held until it is loaded into trucks.

Qualifications:

1. The facility shall comply with all aspects of the Federal New Source Performance Standard.
2. The production rate shall be recorded and retained by the company.

ESTIMATED COST \$ 160,000 TOTAL PROJECT \$ 1,000,000

COMMENCEMENT OF INSTALLATION 2-1-79

COMMENCEMENT OF OPERATION 4-15-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 549-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

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:

Ben M. Hogan Company, Inc. plans to install an asphalt mixing plant on Dixon Road in Little Rock. Emissions from the drier-mixer are controlled by a bag house and emissions will not exceed .04 grains per dry standard cubic foot. The plant is to comply with all aspects of the Federal New Source Performance Standards.

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 Little Rock Public Library, 700 Louisiana, Little Rock.

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

Dated this 10th day of April, 1979.

Jarrell E. Southall  
Director

PUBLIC NOTICES MAILED TUESDAY, APRIL 10, 1979

BEN M. HOGAN COMPANY, INC., LITTLE ROCK

Mrs. Adlene Harrison  
Regional Administrator  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Mr. Bobby McCoy  
Director  
Arkansas Department of Local  
Services  
Suite 900 - First National Building  
Little Rock, Arkansas 72202

The Honorable A. M. "Sandy" Keith  
Mayor of Little Rock  
City Hall  
Little Rock, Arkansas 72202

The Honorable W. E. "Bill" Beaumont  
Pulaski County Judge  
Pulaski County Courthouse  
Little Rock, Arkansas 72202

The Arkansas Gazette  
112 West Third Street  
Little Rock, Arkansas 72201

The Arkansas Democrat  
East Capitol Avenue & Scott Sts.  
Little Rock, Arkansas 72201

Little Rock Public Library  
700 Louisiana  
Little Rock, Arkansas 72201

Mr. William L. Moore  
Vice President  
Ben M. Hogan Co., Inc.  
1100 Fairpoint  
Little Rock, Arkansas 72203

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY So1 Alman Company

Little Rock

CSN 600433

FIRST SUBMITTAL 3-19-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

The Sol Alman Company of Little Rock proposes the installation of an aluminum reclaimer and separator furnace. Raw materials consisting of aluminum castings, scrap pistons, transmissions, siding, lawn chairs, etc. are charged into the primary chamber where they are subjected to temperatures in excess of 1600°F. The aluminum melts and drains into a holding chamber. Other materials such as iron, copper, brass, etc. are raked out and manually sorted for resale.

The exhaust gases exit from the primary chamber into a secondary chamber where they are subjected to another burner. From the secondary chamber, the gases go to the after burner where they are subjected to temperatures as high as 2200°F. Particulate testing on similar installations has revealed emissions of 0.03 to 0.1 grains per dry standard cubic foot. Estimated emissions are 1 to 2 pounds an hour.

ESTIMATED COST \$ 10,000 TOTAL PROJECT \$ 125,000

COMMENCEMENT OF INSTALLATION 4-15-79

COMMENCEMENT OF OPERATION 5-1-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 550-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY C and S Lumber Company

Carthage

CSN 200017

FIRST SUBMITTAL 3-31-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

The C and S Lumber Company at Carthage plans to expand their hardwood sawmill by adding a planer mill, a waste wood boiler, a pre-dryer, a drying kiln, and a collection bin with a cyclone.

The waste wood boiler will be an existing 462 HP Combustion Engineering Unit. The boiler, which will have a 175 foot stack, has a steam production capacity of 27,000 pounds per hour. The steam will be utilized in the company's sawmill, kiln, and pre-dryer.

Estimated annual emissions from the plant will not be of sufficient quantity to place the facility under PSD Regulations. The company will report actual steam production on a semi-annual basis to enable the Department to verify compliance with PSD Regulations.

ESTIMATED COST \$ 30,000 TOTAL PROJECT \$ 1,000,000

COMMENCEMENT OF INSTALLATION 6-1-79

COMMENCEMENT OF OPERATION 1-1-80

REVIEWED BY JBj APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 551-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Ethyl Corporation

Magnolia

CSN 140028

FIRST SUBMITTAL 4-23-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Ethyl Corporation proposes the construction of a plant to produce calcium bromide at their Magnolia facility. Portions of the permit application are submitted as confidential under Section 3(c) of the Arkansas Air Pollution Control Code. The particulate emissions will be controlled by fabric filters and the gaseous emissions by a liquid scrubber. Both control devices have a rated efficiency in excess of 99%.

ESTIMATED COST \$ 75,000 TOTAL PROJECT \$ 4,000,000

COMMENCEMENT OF INSTALLATION 10/79

COMMENCEMENT OF OPERATION 5/80

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 552-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Great Lakes Chemical Corporation  
El Dorado

CSN 700012

FIRST SUBMITTAL 4-19-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Great Lakes Chemical Corporation proposes the construction of a facility to produce calcium bromide. Sections of the application have been declared confidential under provisions of Section 3(c) of the Arkansas Air Pollution Control Code. Particulate emissions will be controlled by fabric filters and gaseous emissions will be controlled by wet scrubbers with an estimated efficiency of 98%.

ESTIMATED COST \$ 60,000 TOTAL PROJECT \$ 3,500,000

COMMENCEMENT OF INSTALLATION 5-1-79

COMMENCEMENT OF OPERATION 7-1-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 553-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Dow Chemical Corporation

Magnolia

CSN 140011

FIRST SUBMITTAL 4-23-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Dow Chemical proposes the construction of a facility to produce calcium bromide.

Portions of the permit application are declared confidential under provisions of Section 3(c) of the Arkansas Air Pollution Control Code.

Particulate emissions are controlled by fabric filters and gaseous emissions by wet scrubbers. Estimated emissions are: .012 pounds per hour of bromine emissions, 3 pounds per hour of ammonia, 60 pounds per hour of carbon dioxide, and trace quantities of lime.

ESTIMATED COST \$ \_\_\_\_\_ TOTAL PROJECT \$ \_\_\_\_\_

COMMENCEMENT OF INSTALLATION March, 1980

COMMENCEMENT OF OPERATION \_\_\_\_\_

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 554-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Minnesota Mining and Manufacturing Company  
Little Rock

CSN 6000414

FIRST SUBMITTAL 3-12-79 AMENDED 3-20-79

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Minnesota Mining and Manufacturing Company proposes to install and operate equipment for the production of colored roofing granules at its Arch Street Plant in Little Rock.

Quarried rock is repeatedly crushed and screened until it is the proper size; then it is colored, fired in a kiln, cooled and screened for storage. Dust control will be achieved with the use of fourteen (14) baghouses, one (1) wet scrubber, and one (1) aerodyne collector. All control equipment has a design efficiency of 98+%. The allowable emissions are less than 50 tons per year (12.44 tons per year). Therefore, 3M is exempt from the rules of full review under PSD.

ESTIMATED COST \$ 2,845,000 TOTAL PROJECT \$ 20,000,000

COMMENCEMENT OF INSTALLATION 10-1-79

COMMENCEMENT OF OPERATION 10-31-80

REVIEWED BY RMM APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 555-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

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:

Minnesota Mining and Manufacturing Company proposes to install and operate equipment for the production of colored roofing granules at its Arch Street Plant in Little Rock. Quarried rock is repeatedly crushed and screened, colored, fired in a kiln, cooled and screened for storage. Dust control will be achieved through the use of fourteen (14) baghouse filters, one (1) wet scrubber, and one aerodyne collector. The allowable emissions are less than 50 tons per year (12.44 tons per year). Therefore, a full review under the rules of Prevention of Significant Deterioration is not required.

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 Little Rock Public Library, 700 Louisiana Street.

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

Dated this 7th day of May, 1979.

Jarrell E. Southall  
Director

PUBLIC NOTICES MAILED MONDAY, MAY 7, 1979

MINNESOTA MINING AND MANUFACTURING COMPANY, LITTLE ROCK

Mrs. Adlene Harrison  
Regional Administrator  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Mr. B. J. McCoy  
Director  
Arkansas Department of Local  
Services  
Suite 900 - First National Building  
Little Rock, Arkansas 72202

The Honorable A. M. "Sandy" Keith  
Mayor of Little Rock  
City Hall  
Little Rock, Arkansas 72202

The Honorable W. E. "Bill" Beaumont  
Pulaski County Judge  
Pulaski County Courthouse  
Little Rock, Arkansas 72202

The Arkansas Gazette  
112 West Third Street  
Little Rock, Arkansas 72201

The Arkansas Democrat  
East Capitol and Scott Streets  
Little Rock, Arkansas 72201

Little Rock Public Library  
700 Louisiana  
Little Rock, Arkansas 72201

Mr. James Lee  
Senior Environmental Engineer  
3M  
Post Office Box 33331  
St. Paul, Minnesota 55133

---

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Valmac Industries, Incorporated  
Waldron

CSN 640001

FIRST SUBMITTAL 5-8-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Valmac Industries operates a chicken processing plant at Waldron. They propose to increase production with an increase in wastewater to the city sewer system.

Valmac proposes to install a wastewater pretreatment process to remove feathers and offal material and to vent all gases through a packed filter.

ESTIMATED COST \$ 225,000 TOTAL PROJECT \$ 900,000

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 9-15-79

REVIEWED BY RMM APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 556-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Jack Wood Construction Company, Inc.  
Russellville

CSN 881609

FIRST SUBMITTAL 5-7-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Jack Wood Construction Company, Incorporated, proposes to install and operate an asphalt production plant to replace an existing facility. This will be a drum mix process. Production capacity is 150 tons per hour. Dust control will be achieved by the use of a wet venturi scrubber with a design efficiency of 99.3 percent. Based upon design calculations and a previous source sample, maximum particulate emissions will be 2.2 pounds per hour (0.035 grains per dry standard cubic foot).

Qualification:

Facility shall comply with all requirements of the federal New Source Performance Standards.

ESTIMATED COST \$ 50,000 TOTAL PROJECT \$ 400,000

COMMENCEMENT OF INSTALLATION 4-16-79

COMMENCEMENT OF OPERATION 5-7-79

REVIEWED BY RMM APPROVED BY JAM

RECOMMENDATION Approval with Qualification

ASSIGNED PERMIT NUMBER 557-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

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:

Jack Wood Construction Company, Incorporated proposes to install and operate a new 150 ton per hour asphalt drum mix plant at Russellville as a replacement for an existing plant. The proposed facility is affected by the Federal New Source Performance Standards and therefore will have a particulate emission rate less than 0.04 grains per dry standard cubic foot through use of a venturi scrubber.

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 Pope County Courthouse, Russellville.

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

Dated this 9th day of May, 1979.

Jarrell E. Southall  
Director

---

PUBLIC NOTICES MAILED WEDNESDAY, MAY 9, 1979

JACK WOOD CONSTRUCTION COMPANY, RUSSELLVILLE

Mrs. Adlene Harrison  
Regional Administrator  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Mr. Bobby J. McCoy  
Director  
Arkansas Department of Local Services  
Suite 900 - First National Building  
Little Rock, Arkansas 72202

The Honorable Ron Russell  
Mayor of Russellville  
City Hall  
Russellville, Arkansas 72801

The Honorable Ermil Grant  
Pope County Judge  
Pope County Courthouse  
Russellville, Arkansas 72801

The Russellville Courier-Democrat  
201 East Second Street  
Russellville, Arkansas 72801

The Arkansas Gazette  
Post Office Box 1821  
Little Rock, Arkansas 72203

The Arkansas Democrat  
Post Office Box 2221  
Little Rock, Arkansas 72203

Mr. Ernest L. Powers  
Pope County Clerk  
Pope County Courthouse  
Russellville, Arkansas 72801

T. D. Casey  
Area Manager  
Jack Wood Construction Company  
Star Route  
Judsonia, Arkansas 72081

---

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY R. M. Courson, Inc.  
Monticello

CSN 881601

FIRST SUBMITTAL 5-2-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

R. M. Courson, Inc., has purchased and installed a new asphalt mix plant in Monticello to replace their existing asphalt plant at the same site. Since this plant was manufactured after June 11, 1973, it is an affected source under the Federal New Source Performance Standards (NSPS). The plant is a portable drum mix installation manufactured by the CMI Corporation of Oklahoma City. The facility has a production rating of 150 tons per hour of hot-mix asphaltic concrete.

Qualifications:

1. Stack tests will be performed on the plant to insure that particulate emissions do not exceed the allowable rate of 0.04 grains per dry standard cubic foot of stack gas (NSPS requirement).
2. The production rate shall not exceed 150 tons per hour and each hour's production shall be recorded and retained by the applicant.

ESTIMATED COST \$ \_\_\_\_\_ - \_\_\_\_\_ TOTAL PROJECT \$ 350,000

COMMENCEMENT OF INSTALLATION \_\_\_\_\_ - \_\_\_\_\_

COMMENCEMENT OF OPERATION \_\_\_\_\_ - \_\_\_\_\_

REVIEWED BY JBj APPROVED BY JAM

RECOMMENDATION Approval with Qualifications

ASSIGNED PERMIT NUMBER 558-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

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:

R. M. Courson, Incorporated has purchased and installed a new asphalt mix plant in Monticello to replace their existing asphalt plant at the same site.

Since this plant was manufactured after June 11, 1973, it is an affected source under the Federal New Source Performance Standards (NSPS). The plant is a portable drum mix installation manufactured by the CMI Corporation of Oklahoma City. The facility has a production rating of 150 tons per hour of hot-mix asphaltic concrete.

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 Southeast Regional Library, Monticello.

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

Dated this 22nd day of May, 1979.

Jarrell E. Southall  
Director

PUBLIC NOTICES MAILED TUESDAY, MAY 22, 1979

R. M. COURSON, INCORPORATED, MONTICELLO, ARKANSAS

Mrs. Adlene Harrison  
Regional Administrator  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Mr. Bobby J. McCoy  
Director  
Arkansas Department of Local Services  
Suite 900 - First National Building  
Little Rock, Arkansas 72202

The Honorable Vernon D. Roberts  
Drew County Judge  
Drew County Courthouse  
Monticello, Arkansas 71655

Mayor James T. Jordan  
Mayor of Monticello  
City Hall  
Monticello, Arkansas 71655

The Arkansas Gazette  
Post Office Box 1821  
Little Rock, Arkansas 72203

The Arkansas Democrat  
Post Office Box 2221  
Little Rock, Arkansas 72203

The Advance Monticellonian  
314 North Main  
Monticello, Arkansas 71655

Ms. Sharon Gouy  
Southeast Arkansas Regional Library  
233 South Main  
Monticello, Arkansas 71655

Mr. Wayne Courson, President  
R. M. Courson, Incorporated  
Post Office Box 231  
Hamburg, Arkansas 71646

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Color Tile  
Melbourne

CSN 330013

FIRST SUBMITTAL 5-11-79 AMENDED 5-14-79

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Color Tile proposes the installation of a facility to manufacture hardwood parquet flooring. The lumber is to be purchased from local sawmills and shipped to Color Tile by truck, where it will be sorted with the better grades being resold. After drying, the lumber will be sawed and planed into "slats", and eight slats will be bound into tiles with aluminum wire. The finish is applied with an airless spray unit, and dried in a steam heated oven. The solvent vapor leaving the oven are to be combusted to produce heat for the process. The wood particles generated during the various operations will be collected with three fabric filters, with the cleaned air being returned to the work areas. A wood fired boiler will be installed to produce process steam and possibly generate electricity.

ESTIMATED COST \$ 159,000 TOTAL PROJECT \$ 5,000,000

COMMENCEMENT OF INSTALLATION Upon Approval

COMMENCEMENT OF OPERATION 1-1-80

REVIEWED BY CDH APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 559-A

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Town and Country Supermarket

Melbourne

CSN 330012

FIRST SUBMITTAL 3-23-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Town and Country Supermarket of Melbourne proposes to install an Atlas Incinerator, Model VM-48-0F, to dispose of 400 to 500 pounds per day of cardboard waste. The unit has a design capacity of 300 pounds per hour for type 0 waste and will be operated for four to five hours per day. The unit has primary and secondary burners, with settings of 250,000 and 400,000 BTU/hour, respectively. The stack sampling test made on a similar unit in Gassville, Arkansas, in March, 1977, showed a particulate emission rate of 0.085 gr/dscf at 12% CO<sub>2</sub>.

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

COMMENCEMENT OF INSTALLATION \_\_\_\_\_

COMMENCEMENT OF OPERATION \_\_\_\_\_

REVIEWED BY HMF APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 325-AI

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Town and Country Supermarket  
Newark

CSN 320041

FIRST SUBMITTAL 3-23-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

Town and Country Supermarket of Newark proposes to install an Atlas Incinerator, Model VM-48-0F, to dispose of 400 to 500 pounds per day of cardboard waste. The unit has a design capacity of 300 pounds per hour for type 0 waste and will be operated for four to five hours per day. The unit has primary and secondary burners, with settings of 250,000 and 400,000 BTU/hour, respectively. The stack sampling test made on a similar unit in Gassville, Arkansas, in March, 1977 showed a particulate emission rate of 0.085 gr/dscf at 12% CO<sub>2</sub>.

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

COMMENCEMENT OF INSTALLATION \_\_\_\_\_

COMMENCEMENT OF OPERATION \_\_\_\_\_

REVIEWED BY HMF APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 326-AI

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY National Center for Toxicological Research  
Jefferson

CSN 350118

FIRST SUBMITTAL 4-10-79 AMENDED \_\_\_\_\_

CASE REFERENCES \_\_\_\_\_

SUMMARY:

The National Center for Toxicological Research at Jefferson is applying for a permit to install and operate a Met-Pro Corporation Rotary-Kiln incinerator, the exhaust gases will be scrubbed by a Riley Enviroengineering Model A-33 Ventri-Rod Scrubber. The incinerator will dispose of 4,600 pounds per week of type 4 waste and operate about 11 hours per week.

This waste is fed from one of two separate feed ports, but not from both ports at the same time. From one port the waste is composed of contaminated methanol used to regenerate polymeric adsorbent that filters some organics from the cage wash water, and of cage sludge consisting mainly of hardwood bedding chips plus some animal feed and fecal matter. From the other port the waste is composed of spent carbon from adsorbers that remove organic material mainly from the animal facilities plus some lab organics.

The volume of the primary and rotary chambers is 14.5 cubic feet. The secondary chamber is 65.4 cubic feet. The Primary and secondary chamber burners are variable with a maximum rating of 2,500,000 BTU/hour. Neither the carbon feed screw and conveyor, nor the sludge pump will operate until the rotary chamber has come up to the proper temperature. There is no manual bypass to turn the feed on, but there is a manual bypass to shut the feed off.

(Continued on attached sheet)

ESTIMATED COST \$ 165,000 TOTAL PROJECT \$ 165,000

COMMENCEMENT OF INSTALLATION 7-31-79

COMMENCEMENT OF OPERATION 1-1-80

REVIEWED BY HMF APPROVED BY JAM

RECOMMENDATION Approval with Qualifications

ASSIGNED PERMIT NUMBER 327-AI

COMMISSION MINUTE ORDER NUMBER \_\_\_\_\_

Summary Report  
National Center for Toxicological Research  
Page Two

Test data submitted with the application shows emissions of 0.01 grains per dry standard cubic foot at 12% carbon dioxide.

Qualifications:

1. A data recording device must be installed along with the proposed signal light to keep a permanent record, for reporting purposes, of openings of the emergency scrubber bypass stack cap. The stack cap opens to protect the scrubber if gas temperature entering the scrubber exceeds 200°F.
2. Within 60 days of start-up, the incinerator shall be tested by the applicant to determine both the particulate emission rate and composition, and the scrubber effluent composition using test methods approved by the Department. Should said test results show excessive emissions, applicant shall take such corrective measures as are necessary.
3. The construction and operation of the incinerator shall comply with the provisions of 40CFR 250.45-1 as published in the Federal Register on December 18, 1978.
4. No radionuclides shall be incinerated under the terms of this permit.



STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
3001 NATIONAL DRIVE  
LITTLE ROCK, ARKANSAS 72202

*Jonesboro  
United Sanit.*

501 371-1701 WATER  
501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.  
501 371-2130 SOLID WASTE

March 27, 1979

Ms. Mina Marsh  
Natural Heritage Commission  
Suite 500  
Continental Building  
Little Rock, Arkansas 72201

Dear Ms. Marsh:

In reference to our telephone conversation of March 26, I am enclosing information concerning the proposed landfill site for United Sanitation in Craighead County.

As we discussed, the Department is seeking the recommendations of the Natural Heritage Commission on this matter to comply with the Highway Beautification Act 640 of 1967. The site is approximately 7 miles north of Jonesboro, off Highway 141 (map enclosed); more specifically E $\frac{1}{2}$ , NE $\frac{1}{4}$ , Section 13, Township 15 North, Range 3 East, Craighead County. Our staff, including Mr. Jamie Huens, District Inspector for Craighead County and Mr. Bob Dorsey, Environmental Engineer will be glad to coordinate an inspection of the site or assist in any other details.

Thank you for your cooperation and if we can be of any help, please contact us.

Sincerely,

Jane Garlington  
Administrative Assistant  
Solid Waste Management Division

JG/tw  
Enclosure  
cc: Jamie Huens  
Bob Dorsey  
Bruno Jasinski



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

*Jane*

501 371-1701 WATER  
501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.  
501 371-2130 SOLID WASTE

MEMORANDUM

DATE: May 1, 1979  
TO: File  
FROM: Jane Garlington *JG*  
SUBJECT: Attached Letter from Harold Grimmett, of the  
Arkansas Natural Heritage Commission

---

In a telephone conversation May 1, Mr. Grimmett further explained his letter by saying that since the Natural Heritage Commission has no information in its files, this can be interpreted to mean that no information exists to indicate that a landfill at the proposed site would be detrimental in terms of Arkansas culture and heritage. Mr. Grimmett indicated that the Commission was too backlogged with requests to perform an on-site inspection of the area in question.

JG/mcf

cc: Jamie Huens  
Bruno Jansinski  
Bob Dorsey



# ARKANSAS NATURAL HERITAGE COMMISSION

SUITE 500, CONTINENTAL BUILDING  
MAIN AND MARKHAM  
LITTLE ROCK, ARKANSAS 72201



April 24, 1979

Ms. Jane Garlington  
Administrative Assistant  
Solid Waste Management Division  
State of Arkansas  
Department of Pollution Control & Ecology  
8001 National Drive  
Little Rock, Arkansas 72209

Re: Proposed Landfill Site,  
Craighead County

Dear Ms. Garlington:

This letter responds to yours of March 27, 1979, addressed to Mina Marsh. My staff has checked our files and determined that we have no information about the land in question or any adjacent land.

Thank you for consulting us in this matter.

Sincerely,

Harold K. Grimmett  
Executive Director

HKG:ek

APR 24 1979