

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 the applicant complies 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 - PROCESS CONTROL EQUIPMENT

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
306-A	Georgia-Pacific Particleboard Crossett, Arkansas	\$369,000
307-A	Great Lakes Chemical Company El Dorado, Arkansas	24,500
308-A	Arkansas Chemicals, Inc. El Dorado, Arkansas	21,000
309-A	American Can Company Fort Smith, Arkansas	--

APPLICATION FOR PERMIT - INCINERATOR

COMMISS- STIVERS	<u>257</u> 256 -AI	Johnson County Hospital Clarksville, Arkansas	
	<u>258</u> 257 -AI	City of Trumann Trumann	\$57,977

Billy F. ...
Chairman

Submitted by Jarrell Southall Date Passed 9/26/75

The Summary Reports, prepared by the staff, are 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 Orders, the Permits, and the Summary Reports are to be attached to the Applications for Permit which are on file in the Department's central office. It is further noted that the approvals of these applications are based upon information contained within the Application for Permit - not the Summary Reports. Nevertheless, the applicant is expected to forthwith notify the Department of any discrepancies found between the two documents.

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Bill F... Submitted by Jarrell Southall Date Passed 9/26/75
Chairman

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Georgia-Pacific Corporation
Crossett Particleboard Plant

CSN: 020006

FIRST SUBMITTAL: July 21, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Georgia-Pacific proposes to make several major process changes in their particleboard plant at Crossett. Georgia-Pacific has completed a testing program at eight woodworking facilities (including the Crossett Particleboard Plant) owned by Georgia-Pacific in Arkansas. The results of this sampling program were used in determining the changes to be made in the particulate control equipment at the same time as the process changes. Two new fabric filters will be installed as secondary collectors for four existing cyclones. The discharge from an existing cyclone will be directed to an existing fabric filter. In the testing program, the cyclones which operated under a negative pressure achieved a higher collection efficiency than those under a positive pressure. Therefore, Georgia-Pacific proposes to convert nine cyclones to negative pressure operation. A screw conveyor is to be installed to relieve the load on two cyclones. Eight cyclones will be removed as a result of these changes.

Within 90 days of initiation of operation the new and revised sources will be tested to determine the adequacy of the modifications.

ESTIMATED COST: \$369,000 TOTAL PROJECT: \$3,900,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 306-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation
El Dorado, Arkansas

CSN: 700012

FIRST SUBMITTAL: 8/25/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Great Lakes proposes the installation of seven flares at their bromine well sites. The flares are to be 100 feet tall to enhance dispersion, and will only be used until Great Lakes has completed the design and installation of a system to transport the gas from the wells to the plant where it will be treated along with the gas from the H₂S stripper in the plant. At that time the well head flares will only be used during emergencies.

CONDITION: The applicant is to submit a status report on the first of each month which will describe the progress made in the previous month and the expected date by which the gasses from the well sites and the plant itself will be controlled.

ESTIMATED COST: \$24,500 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: January, 1976

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL WITH CONDITION

ASSIGNED PERMIT NUMBER: 307-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Chemicals, Inc.

El Dorado, Arkansas

CSN: 700035

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Arkansas Chemicals, Inc. proposes the installation of six flares at their bromine well sites. The flares are to be 100 feet tall to enhance dispersion, and will only be used until Great Lakes has completed the design and installation of a system to transport the gas from the wells to the plant where it will be treated along with the gas from the H₂S stripper in the plant. At that time the well head flares will only be used during emergencies.

CONDITION: The applicant is to submit a status report on the first of each month which will describe the progress made in the previous month and the expected date by which the gasses from the well sites and the plant itself will be controlled.

ESTIMATED COST: \$21,000 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: January, 1976

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL WITH CONDITION

ASSIGNED PERMIT NUMBER: 308-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: American Can Company
Fort Smith

CSN: 660026

FIRST SUBMITTAL: May 15, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

American Can Company proposes the installation of a rotogravure press at their existing facility at Fort Smith. This equipment will print four colors of ink on paper. Two layers of coating are then placed over the printing. The first coat is water based and the second coat is solvent based. The paper will then go through a dryer.

ESTIMATED COST: _____ TOTAL PROJECT: \$2,004,116

COMMENCEMENT OF INSTALLATION: May, 1976

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 309-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Johnson County Hospital

Clarksville

CSN: _____

FIRST SUBMITTAL: Sept. 12, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Johnson County Hospital of Clarksville proposes to install a pathological incinerator (Consumat, C-18P) to dispose of about 50 lbs/hr of waste. The incinerator has a capacity of 75 lbs/hr for type 0 waste, 95 lbs/hr for type I waste and 50 lbs/hr for type IV pathological waste and it will be operated about 8 hrs/day. The test data submitted with the application shows the particulate emissions to be less than 0.2 gr/SCF at 12% CO₂.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: ~~256-AI~~ 257-AI

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: City of Trumann

CSN: _____

FIRST SUBMITTAL: Aug. 18, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

The City of Trumann proposes the installation of an incinerator manufactured by Brule (Model FG4T-30) to dispose of municipal waste and waste produced by Singer Furniture at a maximum rate of 2600 pounds per hour. Although the incinerator is to be located on property owned by Singer, the original installation will not include a heat recovery unit, but it may be added at a latter date.

Due to this being the first municipal incinerator which Brule has manufactured, there is not adequate test data available to predict the particulate emission rate from this installation. However, Brule has guaranteed compliance with the Arkansas Air Pollution Control Code.

CONDITIONS: 1. At such time that the incinerator is operating satisfactorily while consuming the design rate of waste, Brule will determine the particulate emission rate using the EPA Method 5.

2. If the particulate emission rate is in excess of 0.2 grains per standard cubic foot at 12% CO₂, the corrective measures exercised by Brule may not include the installation of a scrubber.

ESTIMATED COST: \$57,977 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL WITH CONDITIONS

ASSIGNED PERMIT NUMBER: ~~257-AI~~ 258-AI

COMMISSION MINUTE ORDER NUMBER: _____