

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.

COMMIS-
SIONERS

[Handwritten signatures and initials over a list of names]

Billy Fraw
CHAIRMAN

SUBMITTED BY: J.E. Southall

DATE: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods Corporation (Rice Mill)
Jonesboro, Arkansas

CSN: 160101

FIRST SUBMITTAL: 06/21/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Riceland Foods Corporation is now installing a new rice mill near its existing rice storage facilities in Jonesboro. The rough rice will be conveyed by enclosed screw conveyors to the rice mill. The process entails the cleaning of the raw material, the removal of the shell or hull, the milling of the bran from the rice kernels and the separating of these kernels in four streams (fancy, heads, brewers and carter reject rice) based upon particle size. The three by-products of the process are bran, hulls and chicken feed components. The source points of air contaminants within the plant stem from the aspiration of the by-product materials from the rice streams and from dust pickups on equipment used for conveying such as screw conveyors and elevators. These dust pickups are necessary for dust prevention within the plant.

It is proposed that 29 baghouses handling 189,000 CFM of air be used for air pollution abatement. The air-to-cloth ratio will be approximately 8 to 1 for achieving efficiencies in excess of 99%. The predicted emission rate from all 29 baghouses is 0.6 lb/hr with an estimated potential emission rate of 11,960 lb/hr. Air discharge from the baghouses will be returned to the rice mill.

ESTIMATED COST: \$615,000 TOTAL PROJECT: \$5,000,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 341-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods (Clean Rice Storage)
Jonesboro, Arkansas

CSN: 160102

FIRST SUBMITTAL: 06/21/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Riceland Foods of Jonesboro is now installing a clean rice storage facility adjacent to Riceland's proposed new rice mill in Jonesboro. The rice will be transferred from the rice mill to storage with an enclosed screw conveyor. These raw materials will be in the form of four rice products - fancy, heads, brewers and carter reject rice. The process entails the storage, blending, cleaning, bagging and shipping of these four rice products. The source points of air contaminants stem from the aspiration of the rice as a final cleaning process before shipment and from dust pick ups on bucket elevators.

It is proposed that 5 baghouses be used for air pollution abatement of the total 50,000 CFM for the plant. These baghouses will be located on the roof of the plant with all discharge air being returned to the interior of the plant. The predicted emission rate for all baghouses is less than 1 lb/hr.

ESTIMATED COST: \$150,000 TOTAL PROJECT: \$2,000,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 342-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods (By-Products Plant)
Jonesboro, Arkansas

CSN: 160103

FIRST SUBMITTAL: 06/21/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Riceland Foods of Jonesboro is now installing a by-products plant near its proposed new rice mill. The raw materials for the plant will be conveyed pneumatically from the rice mill to the by-products plant. These raw materials will consist of three products - rice hulls, rice bran and chicken feed. The process entails the grinding of the rice hulls and chicken feed, the sifting of the ground hulls to separate them by particle size and the bagging and shipping of various products.

The source points of air contaminants within the plant stem from pneumatic conveying of products during processing and shipping and also from dust pickup points on various pieces of equipment. It is proposed that 8 cyclone/bag filter collectors be used for air pollution abatement of the total 56,200 CFM for the plant. These cyclone-filters will be located at various points in the plant. The 99%+ collection efficiency of the 8 cyclone/bag filter collectors will result in an emission of 4.25 lbs/hr or less.

ESTIMATED COST: \$180,000 TOTAL PROJECT: \$2,000,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 343-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Hagner Musical Instrument Company, Inc.
Booneville, Arkansas

CSN: 420021

FIRST SUBMITTAL: 05/12/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Hagner Musical Instrument Company proposes the construction of a manufacturing facility for various musical instruments. Various pieces of musical instruments are constructed from wood, sanded and then finished by spray painting. Emissions of particulates which are controlled by a cyclone are estimated to be less than seven pounds an hour. Emissions from the spraying operations are controlled by a dry filter system. Total emissions from spraying operations are estimated to be less than one pound an hour.

ESTIMATED COST: \$82,000 TOTAL PROJECT: \$475,000

COMMENCEMENT OF INSTALLATION: 01/02/76

COMMENCEMENT OF OPERATION: 04/26/76

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 344-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods, Inc.

Stuttgart, Arkansas

CSN: 010043

FIRST SUBMITTAL: 07/06/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Riceland Foods was issued Permit No. 305-A on September 26, 1975, for the installation of a prototype facility to incinerate rice hulls such that the ash produced would be a saleable product. The equipment installed to control the particulate emissions has not performed as designed. To correct this deficiency is now proposing to replace the existing secondary mechanical collectors with a fabric filter.

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

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: 08/01/76

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: MODIFICATION OF 305-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: McCorkle Cement Ready Mix Company
Greenbrier, Arkansas

CSN: 230043

FIRST SUBMITTAL: 07/20/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

To control the dust emissions created during the loading of cement in its storage silo, McCorkle Cement Ready Mix Company proposes the installation of a small bag filter.

ESTIMATED COST: \$825.00 TOTAL PROJECT: \$8,500.00

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 347-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Anheuser-Busch, Inc.

Jonesboro, Arkansas

CSN: 160103

FIRST SUBMITTAL: 02/26/76

AMENDED: 06/17/76
07/21/76

CASE REFERENCES: _____

SUMMARY:

Anheuser-Busch proposes the installation of a rice drying and storage facility six miles north of Jonesboro. The design capacity is 2.2 million bushels per year with approximately 50 percent of the rice being dried at this facility. The rice will be batch dried by forcing air at 100°F through ten 18,700 bushel bins over ten day periods. All transfers of the rice will be by mechanical conveyors. The truck unloading pit will be partially enclosed and a fabric filter will be used to control emissions during truck unloading.

The low air velocity through the driers reduces the potential for particulate entrainment such that emission controls are not indicated on the basis of design. Approval is recommended with the following qualification: Emissions from the rice driers are to be sampled by the applicant in accordance with methods approved by the Director within thirty days after commencement of operations and the report of said tests is to be filed with the Department no later than fifteen days thereafter.

ESTIMATED COST: \$50,000

TOTAL PROJECT: \$1,300,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: 08/15/76

REVIEWED BY: CDH

APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 348-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Cornbelt of Arkansas

Hope, Arkansas

CSN: 290037

FIRST SUBMITTAL: 05/07/76

AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Cornbelt of Arkansas located in Hope, Arkansas is a manufacturer of feeds for the poultry industry. Cornbelt proposes to install two cyclones to control the dust from their grain dumping stations and a third cyclone to control the dust from the grain scalper.

The total estimated emission from all three sources will be less than one pound an hour.

ESTIMATED COST: \$173,542

TOTAL PROJECT: \$34,080

COMMENCEMENT OF INSTALLATION: 08/15/76

COMMENCEMENT OF OPERATION: 09/15/76

REVIEWED BY: PDD

APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 350-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Georgia-Pacific Corporation
Crossett, Arkansas

CSN: 020013

FIRST SUBMITTAL: 06/03/76 AMENDED: 07/19/76

CASE REFERENCES: _____

SUMMARY:

Equipment maintenance problems at Georgia Pacific pulp mill in Crossett dictates a schedule of repair of boilers and replacement of at least one control device. The cost of this program is anticipated to be approximately \$10,000,000.

To implement this program, an additional boiler fired by fuel oil and rated at 112,000 pounds of steam per hour will be required on a temporary basis to provide steam while the existing boilers are taken out of service for repairs.

Georgia-Pacific has submitted application for permits for installation of the boiler and the replacement of the electrostatic precipitator serving the 7-R recovery boiler. Completion date of boiler repairs is anticipated to be September, 1977, and completion date for replacement of electrostatic precipitator is December, 1977. Scheduling of activities has been planned such that no increase of the current plant-wide emission rate is anticipated. Completion of the project should bring the facility near full compliance with provisions of Section 7 of

ESTIMATED COST: \$5,488,000 TOTAL PROJECT: \$10,000,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL WITH CONDITIONS

ASSIGNED PERMIT NUMBER: MODIFICATION OF 140-A

COMMISSION MINUTE ORDER NUMBER: _____

-CONTINUED-

the Arkansas Air Pollution Control Code and should result in substantial improvements in visible emissions. Model projections indicate the need however, for increased particulate emission controls for the 6-R recovery boiler, and removal from services of the temporary boiler and the 5-R recovery boiler.

In view of the foregoing, approval of the subject applications, dated June 25 and July 15, 1976, are hereby approved subject to following conditions.

- (1) Plant-wide emissions shall not increase during the repair and replacement program.
 - (2) The applicant shall provide monthly reports concerning emission sampling, control equipment outages, equipment utilization, and progress toward completion of the repair and replacement program.
 - (3) Upon completion of boiler repair program, the temporary boiler shall be placed out of service.
 - (4) Upon completion of the replacement of the electrostatic precipitator serving the 7-R recovery boiler, the 5-R recovery boiler shall be placed out of service.
 - (5) Prior to September 1, 1976, the applicant shall submit plans to the Department for the improvement of the control equipment serving 6-R recovery boiler and such other plans for actions as may be required to bring the facility into full compliance with all provisions of the Arkansas Air Pollution Control Code.
 - (6) Failure to comply with the above terms or failure to expeditiously complete the repair and replacement project shall be cause for revocation of permit.
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