

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

April 11, 1980

Mr. John Mueller, Plant Manager
Anheuser-Busch, Incorporated
111 Busch Drive
Jacksonville, Florida 32218

Dear Mr. Mueller:

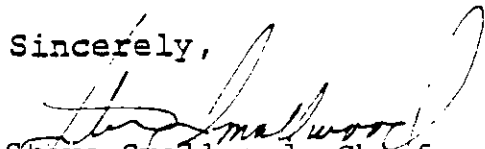
Enclosed is Permit Number AC 16-21892, dated April 10, 1980,
to Anheuser-Busch Incorporated
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

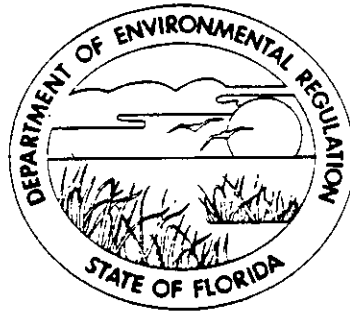

Steve Smallwood, Chief
Bureau of Air Quality Management

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 16-21892

ANHEUSER-BUSCH, INC.
GRAIN DRYER No. 1

DATE OF ISSUANCE

10TH APRIL 1980

DATE OF EXPIRATION

APRIL 30, 1981

Jacob D. Varn

JACOB D. VARN
SECRETARY

Final Determination

Anheuser-Busch, Inc.
Jacksonville, Florida
Grain Dryer No. 1

Construction Permit

Application Number:

AC 16-21892

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

April 7, 1980

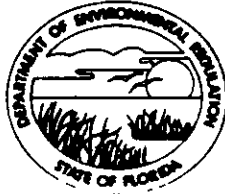
Anheuser-Busch Construction Permit Final Determination

Anheuser-Busch's Construction Permit application for modification of its Number 1 Grains Dryer at the existing plant in Jacksonville, Florida has been reviewed by the Bureau of Air Quality Management. Public notice of the Department's Intent to Issue was published in the Florida Times Union on March 9, 1980. Copies of the preliminary determination were available for public inspection at the Duval County Department of Health, Welfare and Bio-Environmental Services, the FDER St. Johns River Subdistrict, and the Bureau of Air Quality Management.

There were no letters of response as a result of the public notice period. However, the St. Johns River Subdistrict Office has requested that a condition to phase in operation permit application is included. Therefore condition number 7 is being changed to conform with previous request. Since this condition is mainly informational, it is not a substantive change.

The final action of the Department will be to issue the permit as noticed in the public review process with the above change in condition number 7.

TWIN TOWERS OFFICE BUILDING
2800 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Anheuser-Busch, Inc.
111 Busch Drive
Jacksonville, Florida 32218

PERMIT/CERTIFICATION
NO. AC 16-21892

COUNTY: Duval

PROJECT: Grains Dryer
No. 1 Modification

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the modification of the existing grains dryer No. 1 burners and emission control system. Particulate emissions are to be controlled by a Ducon Size 108, Type L Model II wet scrubber and a Buhler Miag Filter Receiver, Type B-25. The plant is located at 111 Busch Drive in Jacksonville, Florida. The universal transverse mercator and latitude, longitude coordinates are UTM Zone 17, 438.010 E, 3366.780N and 30°25'59"N. by 81°38'44"W respectively.

Construction shall be in accordance with the attached permit application, attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER Form 17-1.122(16).
2. Anheuser-Busch Companies, Inc. Jacksonville Brewery Grain Dryer No. 1 Application No. 21892 for Source Modification Responses to Technical Discrepancies, January 9, 1980.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 16-21892
APPLICANT: Anheuser-Busch, Inc.
111 Busch Drive
Jacksonville, Florida 32218

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.
3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.
4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.
6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.
7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.
8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.
9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.
10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.
11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.
12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
13. This permit also constitutes:
 - Determination of Best Available Control Technology (BACT)
 - Determination of Prevention of Significant Deterioration (PSD)
 - Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

2. The modifications presented in the application of the dryer burners and emission control system do not increase the potential emissions of this source.

3. Allowable particulate emissions will decrease due to these modifications. The present operating permit (AO 16-2612) allows 11.62 pounds per hour of particulate emissions. Maximum allowable particulate emissions from both discharge points (62a and 62b) are 10.7 pounds per hour. Also maximum fuel usage is proposed to be the same as that contained in the current operating permit. Therefore no increase in emissions from the remaining pollutants is expected due to these modifications.

4. Since no increase in particulate emissions is projected, the determination of significant impact on the Duval County Particulate Nonattainment Area is not required.

5. The source is a major emitting facility for particulate and sulfur dioxide emissions. Since no increase in emissions result from these modifications, the application is exempt from the Prevention of Significant Deterioration requirements of 17-2.04 FAC.

6. The maximum operating schedule will be 8760 hours per year.

7. The maximum input to the dryer will be 11,500 pounds per hour (dry weight basis). The maximum input to the cooling filter collector will be 6,900 pounds per hour (dry weight basis).

8. The maximum fuel consumption will be 190 gallons per hour of No. 6 fuel oil with maximum sulfur content of 2.3%.

9. Construction should commence and be completed within a reasonable time based on the projections included in the application.

10. Construction should reasonably conform to the plans submitted in the application.

11. The applicant should submit periodic reports on construction progress.

12. The actual particulate emissions from the wet scrubber emission point (62a) should be verified by tests using standard methods prior to issuance of an operating permit. Visible emissions from the scrubber emission point (62a) and the baghouse emission point should also be verified by tests using standard test methods prior to the issuance of an operating permit. As part of the operating permit periodic tests on the emission points should be required.

PERMIT NO.: AC 16-21892
 APPLICANT: Anheuser-Busch, Inc.
 111 Busch Drive
 Jacksonville, Florida 32218

Specific Conditions:

1. Maximum allowable emissions from grains dryer No. 1 shall be:

Pollutant	Emission Point	Pounds per hour	Tons per year
Particulate	62a	10.6	46.4
Particulate	62b	< .1	< .1
Sulfur Dioxide	62a	69	269
Nitrogen Oxides	62a	12	45
Hydrocarbon	62a	1	3
Carbon Monoxide	62a	1	3

2. The hours of operation shall be limited to 8760 hours per year.
3. The maximum allowable material input to grains dryer No. 1 shall be 11,500 pounds per hour (dry weight basis). The maximum allowable input to the cooling filter collector shall be 6,900 pounds per hour.
4. Maximum fuel consumption shall be 190 gallons per hour of no. 6 fuel oil with maximum sulfur content of 2.3%.
5. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require a maintenance of records indicating operation hours, material input (dry weight basis) to dryer, material input (dry weight basis) to cooling filter collector and amount of fuel consumption and shall be submitted annually to the Department in accordance with 17-4.14.

13. Upon obtaining an operating permit, the applicant should submit periodic reports on the actual operation of the facility.


VI. PROPOSED ALLOWABLE EMISSIONS AND PERMIT CONDITIONS

See Draft Permit

Attachment: Rule 28-5

PERMIT NO.: AC 16-21892
APPLICANT: Anheuser-Busch, Inc.
111 Busch Drive
Jacksonville, Florida 32218

6. Emission tests for particulate and visible emissions shall be conducted for the wet scrubber emission point (62a) in accordance with methods 1 through 6, 40 CFR 60, Appendix A and Method 9, 40 CFR 60, Appendix A. Emission test for visible emissions shall be conducted for the baghouse emission point (62b) in accordance with Method 9, 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding particulate and visible emissions and the conditions of this permit.
7. Permittee shall notify the Bureau of Air Quality Management prior to any compliance testing of the facility and shall submit a test plan for approval. Upon demonstration of compliance with the operational limits of this permit and submission of a complete application for an operation permit to the FDER St. Johns River Subdistrict office prior to 90 days before expiration of this permit, permittee may continue to operate in compliance with all terms of this permit until expiration of this permit or issuance of an operating permit.



Jacob D. Varn
Secretary

Expiration Date: April 30, 1981

Issued this 10TH day of APRIL, 19 80

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Technical Evaluation
and
Preliminary Determination

Anheuser - Busch, Inc.
Jacksonville, Florida

Grain Dryer No. 1

Construction Permit

Application Number:

AC 16-21892

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

Anheuser Busch, Inc., Jacksonville, Florida
Grain Dryer No. Modification

I. PROPOSED DEPARTMENT ACTION:

The Department intends to issue the requested construction permit to Anheuser Busch, Inc. to modify its Number 1 Grains Dryer at its plant located at 111 Busch Drive in Jacksonville, Florida subject to public comments received as a result of this public notice.

Any person wishing to file comments on this proposed action, may do so by submitting such comments in writing to:

Mr. John Svec
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Any comments received within thirty days after publication of this notice will be considered and noted in the Department's final determination.

Any person whose substantial interests would be affected by the issuance or denial of this permit may request an administrative hearing by filing a petition for hearing as set forth in Section 28-5.15 (copy attached). Such petition must be filed within 14 days of the date of this notice. Such petition is to be filed with:

Mary Clark
Office of General Counsel
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

II. SUMMARY OF EMISSIONS AND AIR QUALITY ANALYSIS:

a. The proposed construction location in Jacksonville is in that portion of Duval County which is classified as "nonattainment" for the criteria pollutant ozone. This location is an "attainment" area for the remaining criteria pollutants. However, it is in the "area of influence" for the Duval County Particulate Nonattainment Area.

b. The significant source of particulate emissions for this application is grain dust from the #1 dryer (estimated total particulate emissions of 46.5 tons per year). Other significant emissions from dryer #1 are from the combustion of No. 6 fuel oil with a maximum sulfur

content of 2.3% (estimated sulfur dioxide emissions of 269 tons per year, estimated nitrogen oxides emissions of 45 tons per year).

III. SYNOPSIS OF APPLICATION

a. Name and Address of Applicant:

Anheuser - Busch Inc.
111 Busch Avenue
Jacksonville, Florida 32218

b. Description of Project and Controls:

This project is the proposed modification of the existing grains dryer No. 1 and its control equipment. The dryer's fuel burners are proposed to be replaced with new burners of the same input capacity. The location of the fan which conveys the combustion gases from the dryer to the scrubber is proposed to be moved from between the drum dryer and the product collector Cyclone (figure 1) to between the product collector Cyclone and the wet scrubber (figure 2). Emissions from the cooling filter collector are proposed to be removed from the wet scrubber and sent through a baghouse to a new discharge point. The emissions from the drum dryer are sent through a Ducon Size 108, type L Model II wet scrubber which is expected to remove 90% of the particulate emissions. Particulate emissions from the cooling filter collector are to be sent through a Buhler Miag Filter Receiver, type B-25 which is expected to remove 99.7% of the particulate emissions.

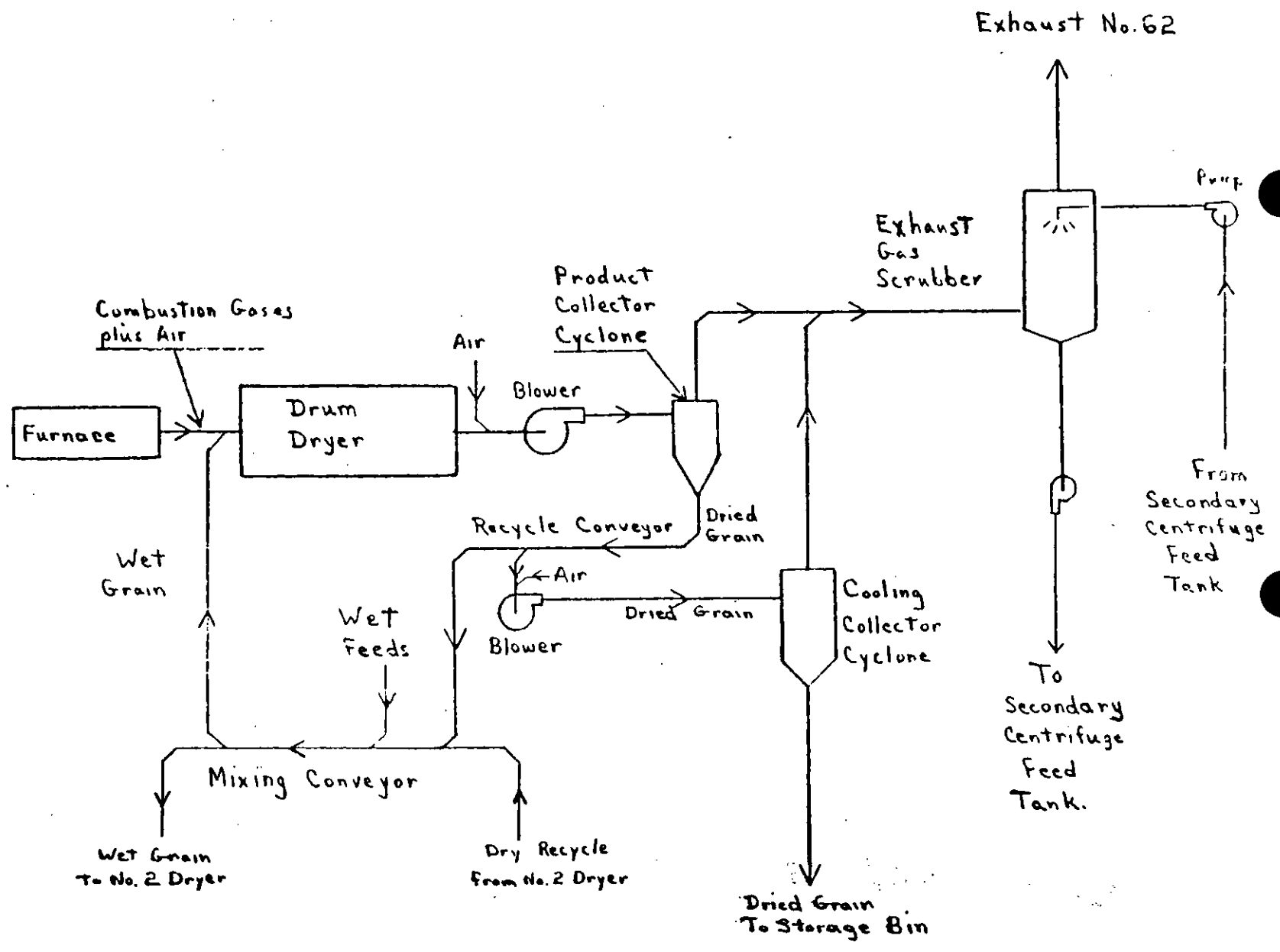
c. Description of Process, Proposed Process Rates and Emission Rates:

Wet spent grain, centrifuge cake and evaporator concentrate are fed into the dryer after being blended with dried grain on a mixing conveyor so that the moisture input to the dryer is in the range of 40% to 60%. The input is then dried to a content of 7% to 11% moisture. Heat is obtained from the combustion of No. 6 fuel oil with a maximum sulfur content of 2.3%. The maximum usage rate of fuel is projected to be 190 gallons per hour. The maximum operating time is schedule to be 8760 hours per year. The maximum input of grain to the dryer is projected to be 11,500 pounds per hour (dry weight basis). The maximum input to the cooling filter collector is projected to be 6,900 pounds per hour (dry weight basis).

Particulate from the dry grain and the combustion pollutants will be conveyed from the dryer through the product collector cyclone to the wet scrubber. The exhaust will exit from emission point 62a. Particulate from the cooling collector cyclone will be conveyed to

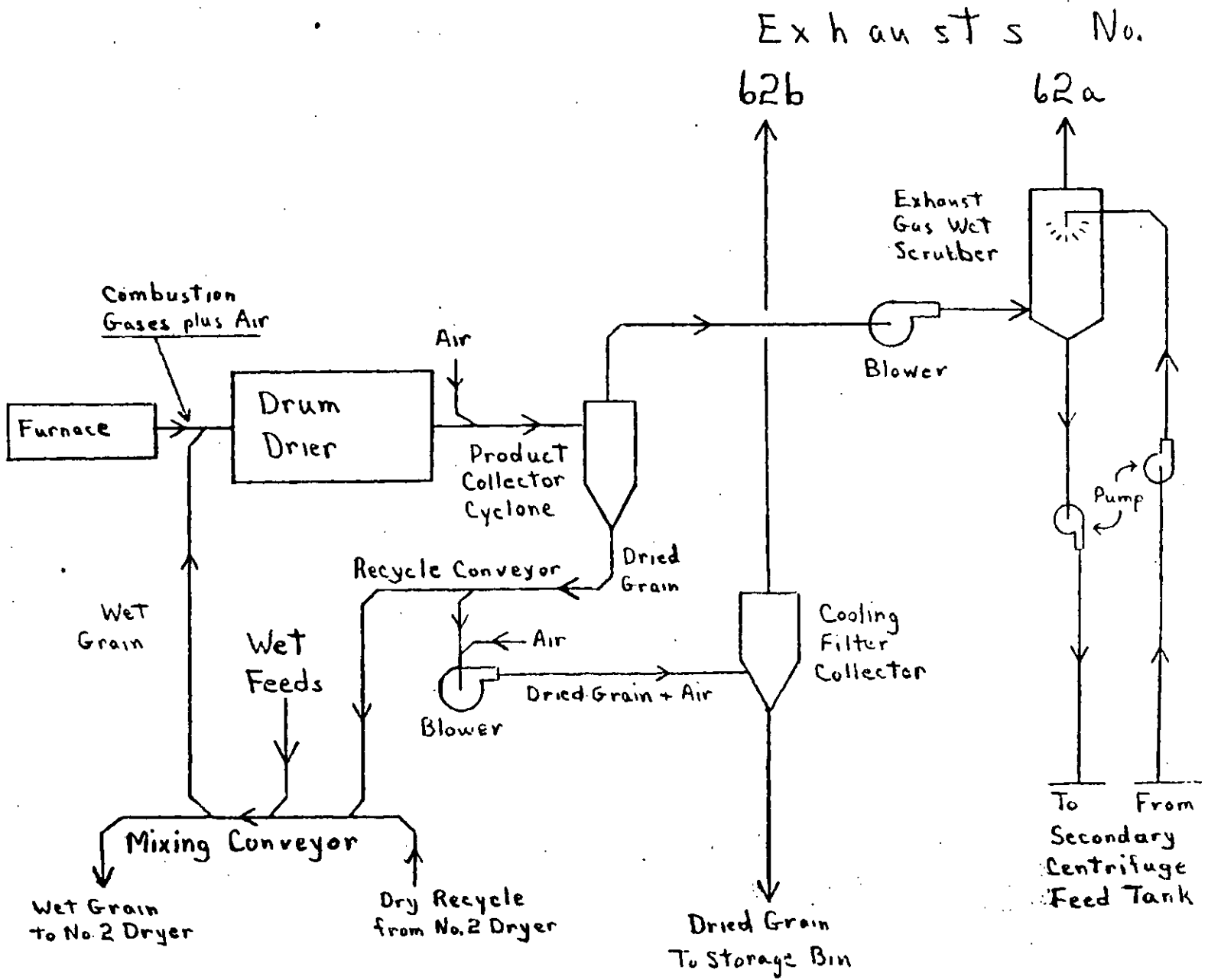
Jacksonville Brewery
 Rev. 2 1-8-80
 Rev. 1 8-9-76

Figure 1



Jacksonville Brewery, Rev 1 1-9-80

Figure 2



a baghouse with an estimated 99.7% control efficiency and exhaust will exit from emission point 62b. Potential and allowable emissions are listed below:

Pollutant	Emission Point	Potential Emissions		Allowable Emissions	
		lb/hr	tons/yr	lb/hr	tons/yr
Particulate	62a	530	2,300	10.6	46.4
Particulate	62b	8	34	<0.1	<0.1
Sulfur dioxide*	62a	69	301	69	269
Nitrogen oxides*	62a	12	50	12	45
Hydrocarbon*	62a	1	3	1	3
Carbon Monoxide*	62a	1	4	1	3

* based on emission factors in AP-42.

IV. RULE APPLICABILITY

The proposed project is located in the Duval County Ozone Nonattainment Area. Since no increase in fuel usage is requested with this application, the source is not subject to 17-2.17 FAC for hydrocarbon emissions since emissions are not increased.

The proposed source is located in the area of influence of the Duval County Nonattainment Area. Since total allowable particulate emissions are to decrease approximately 1 pound per hour from the present operating permit (AO 16-2612), the source is also exempt from the requirements of 17-2.17 for particulate emissions.

The source is a major emitting facility for particulate and sulfur dioxide emissions as defined in 17-2.02(70) FAC. Since neither potential nor allowable emissions are being increased, the application is not required to meet any further Prevention of Significant Deterioration (PSD) requirements contained on 17-2.04 FAC.

V. FINDINGS

1. Potential and allowable emissions are projected to be:

Pollutant	Emission Point	Potential Emissions		Allowable Emission	
		lb/hr	tons/yr	lb/hr	tons/yr
Particulate	62a	530	2300	10.6	46.4
Particulate	62b	8	34	<.1	<0.1
Sulfur Dioxide	62a	69	301	69	269
Nitrogen Oxides	62a	12	50	12	45
Hydrocarbon	62a	1	3	1	3
Carbon Monoxide	62a	1	4	1	3