

# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
Anheuser-Busch, Inc.  
One Busch Place (202-4)  
St. Louis, Missouri 63118

Permit Number: AC 16-170995  
Expiration Date: October 30, 1991  
County: Duval  
Latitude/Longitude: 30°26'08"N  
81°38'32"W  
Project: Anaerobic Pretreatment  
Facility Hydrogen Sulfide (H<sub>2</sub>S)  
Scrubber to control odor and H<sub>2</sub>S  
emissions from the Reactor, Equali-  
zation Tank and Settling Basins.

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

For the construction of scrubber (99% efficiency) to control odor and H<sub>2</sub>S emissions from the Reactor, Equalization Tank and Settling Basins, to be operated at the anaerobic pretreatment facility at the Anheuser-Busch, Incorporated's existing beer brewery located in Jacksonville, Duval County, Florida. The UTM coordinates of this site are Zone 17, 437.65 km E and 3367.01 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. DER application Form 17-1.202(1) and letter dated September 12, 1989.
2. DER letter dated October 30, 1989.
3. Company letters dated November 7, 1989 and December 5, 1989.

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**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither 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. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use 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.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

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**GENERAL CONDITIONS:**

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. 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 provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including 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.

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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 for revocation of this permit.

9. 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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The 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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

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records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The maximum allowable emissions from burning the entire annual production of 292 million cubic feet of biogas at the anaerobic pretreatment facility shall not exceed the following limits:

<u>Pollutant</u>	<u>Lbs Per Hour</u>	<u>Tons Per Year</u>	<u>Emission Factors</u>
PM/PM <sub>10</sub>	1.0	1.1	0.005 lb/MMBtu
NO <sub>x</sub>	18.4	20.8	0.1 lb/MMBtu
CO	21.7	76.5	1.4 lb/MMBtu
VOC	1.6	3.7	0.016 lb/MMBtu
SO <sub>2</sub>	73.7	37.2	0.76 lb/MMBtu
H <sub>2</sub> S	0.05	0.04	

2. Maximum H<sub>2</sub>S content shall not exceed 0.40%.

3. Maximum H<sub>2</sub>S emissions from this scrubber shall not exceed 0.05 lb/hr and 0.40 tons per year.

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SPECIFIC CONDITIONS:

4. Before this construction permit expires the scrubber shall be tested for hydrogen sulfide (H<sub>2</sub>S) except as provided under 40 CFR 60.8(b), the performance test shall be in accordance with EPA Method 15. Determination of Hydrogen Sulfide, Carbonyl Sulfide, and Carbon Disulfide Emissions from Stationary Sources.
4. Jacksonville Bio-Environmental Service Division (BESD) shall be notified at least 15 days prior to source testing. Copies of the test report(s) shall be submitted to BESD within 45 days after completion of testing.
5. A pressure meter shall be installed on the scrubber system to measure the scrubbing liquid supply pressure. The pressure sensor or tap shall be located close to the scrubber liquid discharge point. The monitoring device is to be certified by the manufacturer to be accurate within ±15 percent of design scrubbing liquid supply pressure.
6. This source is allowed to operate continuously, 8,760 hrs/yr.
7. In accordance with F.A.C. Rule 17-2.620(2), no person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
8. In accordance with F.A.C. Rule 17-2.240, Circumvention, no person shall circumvent any air pollution control device or allow the emissions or air pollutants without the applicable pollution control device operating properly.
9. This source shall comply with all applicable provisions of Chapter 17-2, F.A.C. and Chapter 403, Florida Statutes.
10. Upon obtaining a permit to operate, the permittee shall be required to submit annual reports on the actual parameters and emissions from this source. Annual reports shall be sent to the Bio-Environmental Services Division (BESD) in Jacksonville.
11. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

PERMITTEE:  
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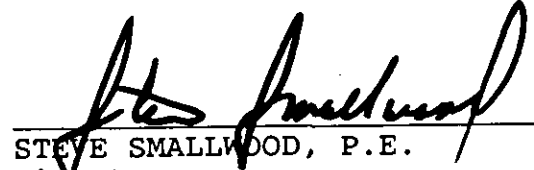
Permit Number: AC 16-170995  
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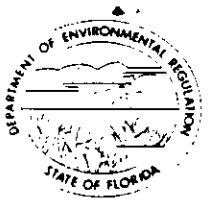
SPECIFIC CONDITIONS:

12. An application for an operation permit must be submitted to the Bio-Environmental Services Division (BESD) office in Jacksonville at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 13<sup>th</sup> day  
of March, 1990

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Steve Smallwood  
FROM: Clair Fancy *ett Jancy*  
DATE: March 8, 1990  
SUBJ: Approval of Anheuser-Busch Permit Applications  
AC 16-170992 thru -170995

Attached for your approval and signature are four permits prepared by the Bureau of Air Regulation for the above mentioned company to construct an anaerobic pretreatment facility at their Jacksonville brewery.

No comments were received during the public notice period. Day 90, after which these permits will be issued by default, is March 20, 1990.

I recommend your approval and signature.

CF/TH/plm

Attachments



**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address.      2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. John P. Wilchek Plant Manager Anheuser-Busch, Inc. 111 Busch Drive Jacksonville, Florida 32218	4. Article Number P 932 762 849
Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>K. Waller</i>	
7. Date of Delivery 3/16/90	



PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1985 PSN 7530-865 DOMESTIC RETURN RECEIPT

P 932 762 849

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Mr. John P. Wilchek, Anheuser-Busch	
Street and No 111 Busch Drive	
P.O., State and ZIP Code Jacksonville, FL 32218	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 3-15-90 Permit: AC 16-170992, -993 -994, -995	

PS Form 3800, June 1985