

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an  
Application for Permit by:

Sugar Cane Growers Cooperative of Florida, Inc.  
P.O. Box 666  
Belle Glade, FL 33430-0666

Air Permit No. 0990026-006-AC  
Glades Sugar House  
Boilers 1 and 2 – Grate Replacements

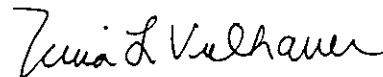
*Authorized Representative:*

Mr. Jose F. Alvarez, V.P. of Planning and Plant Operations

Enclosed is Final Air Permit No. 0990026-006-AC, which authorizes the following work for Boilers 1 and 2: replacement of the existing fuel grates, addition of a new combustion air fan, modification of the combustion air distribution to provide more over-fire air, and the repair of concrete supports and refractory near the grates. The existing sugar mill boilers operate at the Glades Sugar House, which is located near Belle Glade in Palm Beach County, Florida. As noted in the Final Determination (attached), only minor changes to correct typographical errors were made. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty (30) days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief  
Bureau of Air Regulation

CERTIFICATE OF SERVICE

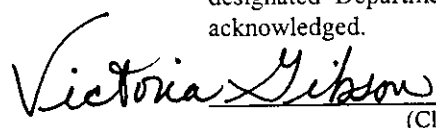
The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 5/28/03 to the person(s) listed:

cc: Mr. Jose Alvarez, SCGCF\*  
Ms. Kathy Lockhart, SCGCF  
Mr. David Buff, Golder Associates Inc.  
Mr. James Stormer, PBCHD

Mr. Ron Blackburn, SD Office  
Mr. Gregg Worley, EPA Region 4  
Mr. John Bunyak, NPS

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 May 28, 2003  
(Clerk) (Date)

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Jose F. Alvarez  
 V.P. of Planning & Plant Operations  
 Sugar Cane Growers Co-Op of Florida  
 Post Office Box 666  
 Belle Glade, FL 33430-0666

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

Evelyn B. Taylor 5/30/03

C. Signature

X Evelyn B. Taylor  Agent  Addressee

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type

- Certified Mail  Express Mail
- Registered  Return Receipt for Merchandise
- Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

7001 0320 0001 3692 5887

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

7001 0320 0001 3692 5887

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$</b>

Postmark Here

Sent To  
 Jose F. Alvarez  
 Street, P.O. Box, or PO Box No.  
 PO Box 666  
 City, State, ZIP+4  
 Belle Glade, FL 33430-0666

PS Form 3800, January 2001

See Reverse for Instructions

## FINAL DETERMINATION

### **PERMITTEE**

Sugar Cane Growers Cooperative of Florida, Inc.  
P.O. Box 666  
Belle Glade, FL 33430-0666

#### *Authorized Representative:*

Mr. Jose F. Alvarez, V.P. of Planning and Plant Operations

### **PERMITTING AUTHORITY**

Florida Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation  
New Source Review Section  
2600 Blair Stone Road, MS #5505  
Tallahassee, Florida, 32399-2400

### **PROJECT**

Air Permit No. 0990026-006-AC  
Glades Sugar House, Grate Replacements for Boilers 1 and 2

This permit authorizes the following work for Boilers 1 and 2: replacement of the existing fuel grates, addition of a new combustion air fan, modification of the combustion air distribution to provide more over-fire air, and the repair of concrete supports and refractory near the grates. The existing sugar mill boilers operate at the Glades Sugar House, which is near Belle Glade in Palm Beach County, Florida.

### **NOTICE AND PUBLICATION**

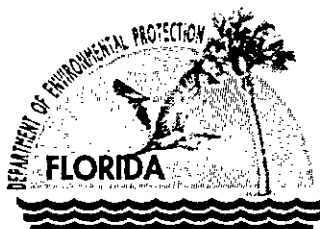
The Department distributed an "Intent to Issue Permit" package on April 18, 2003. The applicant published the "Public Notice of Intent to Issue" in The Palm Beach Post on April 26, 2003. The Department received the proof of publication on May 12, 2003. No requests for administrative hearings were filed.

### **COMMENTS**

No comments on the Draft Permit were received from the public, the Department's South District Office, or the applicant.

### **CONCLUSION**

Only minor revisions were made to correct typographical errors. The final action of the Department is to issue the permit with the changes described above.



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## PERMITTEE:

Sugar Cane Growers Cooperative of Florida, Inc.  
P.O. Box 666  
Belle Glade, FL 33430-0666

### *Authorized Representative:*

Mr. Jose F. Alvarez, V.P. of Planning and Plant Operations

Glades Sugar House  
Air Permit No. 0990026-006-AC  
Facility ID No. 0990026  
SIC No. 2061  
Permit Expires: October 1, 2005

## PROJECT AND LOCATION

This permit authorizes the following work for Boilers 1 and 2: replacement of the existing fuel grates, addition of a new combustion air fan, modification of the combustion air distribution to provide more over-fire air, and the repair of concrete supports and refractory near the grates. The existing sugar mill boilers operate at the Glades Sugar House, which is located at 1500 West Sugar House Road in Belle Glade, Palm Beach County, Florida.

## STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to perform the proposed work in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department. This permit supplements all other air construction and operation permits for the affected emissions units.

## CONTENTS

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Emissions Units Specific Conditions
- Section 4. Appendices

Howard L. Rhodes, Director  
Division of Air Resources Management

(Date)

## SECTION 1. GENERAL INFORMATION

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### FACILITY AND PROJECT DESCRIPTION

Sugar Cane Growers Cooperative of Florida, Inc. operates a sugar mill that produces raw sugar and molasses from sugarcane grown in nearby fields. Bagasse, the fibrous plant residue remaining after milling, is burned in six boilers to generate steam for the plant. Only the following boilers are affected by this project.

ID	Emission Unit Description
001	Boiler 1
002	Boiler 2

### REGULATORY CLASSIFICATION

Title III: The existing facility is identified as a major source of hazardous air pollutants (HAP).

Title IV: The existing facility operates no units subject to the acid rain provisions of the Clean Air Act.

Title V: The existing facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.

PSD: The existing facility is a PSD-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

### RELEVANT DOCUMENTS

The permit application and additional information received to make it complete are not a part of this permit; however, the information is specifically related to this permitting action and is on file with the Department. This permit supplements all other air construction and operation permits for these boilers.

## SECTION 2. ADMINISTRATIVE REQUIREMENTS

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1. Permitting Authority: Applications for permits to construct or modify emissions units subject to PSD preconstruction review shall be submitted to the Bureau of Air Regulation of the Florida Department of Environmental Protection (DEP) at 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400. Applications for other permits to construct, modify or operate an emissions unit shall be submitted to Air Resources Section of the Department's South District Office at 2295 Victoria Avenue, Suite #364, Fort Myers, Florida 33901-3381.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Palm Beach County Health Department at P.O. Box 29 (901 Evernia Street), West Palm Beach, FL 33402-0029. Copies of all such documents shall be submitted to the Air Resources Section of the Department's South District Office at 2295 Victoria Avenue, Suite #364, Fort Myers, Florida 33901-3381.
3. Appendices: The following Appendices are attached as part of this permit: Appendix CF (Citation Format), and Appendix GC (General Conditions).
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. Emissions units at this facility are subject to all applicable provisions of Chapter 403, F.S. and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Title V Permit: This permit authorizes the specified construction activities and initial operation of the affected emissions units to determine compliance with Department rules. A Title V operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### A. EU-001/002 – Boilers 1 and 2

This section of the permit addresses the following emissions units.

ID No.	Emissions Unit Description
001 and 002	Boilers 1 and 2 are identical boilers manufactured by Riley in 1963 and are primarily fired with bagasse. The current Title V permit specifies the maximum steam production rate as 175,000 lb/hour (24-hour average) at the design operating conditions of 400 psig and 585°F. Particulate matter emissions are reduced by a mechanical dust collectors followed by wet scrubbers.

#### CONSTRUCTION

1. Grate Replacement Project: The permittee is authorized to perform the following work: replace the existing traveling grate on each boiler with a water-cooled pinhole grate; add a new combustion air fan; modify the combustion air distribution to provide more over-fire air; and repair concrete supports and refractory near the grates. The project shall not increase the capacity of either boiler. *{Permitting Note: The proposed work is expected to be performed during the 2004 off-season.}* [Applicant Request]

#### EMISSIONS AND PERFORMANCE REQUIREMENTS

*{Permitting Note: The authorized construction shall not result in any increases in current permitted capacities of these boilers. The project does not alter any fuels, emissions standards or restrictions on operation that are specified in other air construction or operation permits. This permit supplements all other air construction and operation permits for these boilers.}*

#### PERFORMANCE TESTING

2. Capacity Test: Prior to conducting any of the proposed work, the permittee shall conduct an initial capacity test on each boiler when firing only bagasse. Each test shall be conducted for a minimum of three continuous hours and the following information shall be recorded at 15-minute intervals: steam and feed water temperatures (° F); steam and feed water pressures (psig); and steam production (lb). Within 45 days of completing each capacity test, the permittee shall submit a report summarizing the test and the results. In addition to the recorded data, the test report shall identify the average steam production rate (lb/hour) and the calculated heat input rate (MMBtu/hour) for the three hour test. If a boiler is unable to achieve an average steam production rate during the capacity test of at least 157,500 lb/hour, then the permittee shall apply for modification of this permit to restrict the steam production rate (24-hour average) of the boiler to the average steam production attained during the test and include an equivalent heat input rate restriction (MMBtu/hour). If the average steam production rate during the capacity test is at least 157,500 lb/hour, then no further action is necessary. *{Permitting Note: This condition ensures that the grate replacement project will not result in an increase in capacity, which could trigger PSD review.}* [Application; Rules 62-210.200(PTE) and Rule 62-212.400(PSD), F.A.C.]
3. Emissions Tests: In accordance with the methods and procedures specified in Appendix C of 40 CFR 60, each boiler shall be tested to determine whether or not a change resulted in the hourly emission rates of particulate matter, nitrogen oxides, and volatile organic compounds. Tests shall be conducted at permitted capacity and performed in accordance with the methods and procedures specified in the current Title V operation permit. Rule 62-297.310(2)(b), F.A.C. defines *permitted capacity* as “90 to 100 percent of the maximum operation rate allowed by the permit.” Tests shall be conducted during the crop season immediately following the authorized construction. A summary of the tests conducted and the results shall be provided with 45 days of completing the tests. *{Permitting Note: Each boiler is currently required to test annually for emissions of particulate matter, nitrogen oxides, and volatile organic compounds. The annual test may be used for this determination. Test results showing increased hourly emissions may require additional permitting actions to address PSD applicability.}* [Appendix C of 40 CFR 60; Rule 62-212.400(PSD), F.A.C.]

**SECTION 4. APPENDICES**

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**CONTENTS**

Appendix CF. Citation Format

Appendix GC. General Conditions



**SECTION 4. APPENDIX CF**  
**CITATION FORMATS**

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*The following examples illustrate the format used in the permit to identify applicable permitting actions and regulations.*

**REFERENCES TO PREVIOUS PERMITTING ACTIONS**

Old Permit Numbers

*Example:* Permit No. AC50-123456 or Air Permit No. AO50-123456

*Where:* "AC" identifies the permit as an Air Construction Permit  
"AO" identifies the permit as an Air Operation Permit  
"123456" identifies the specific permit project number

New Permit Numbers

*Example:* Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

*Where:* "099" represents the specific county ID number in which the project is located  
"2222" represents the specific facility ID number  
"001" identifies the specific permit project  
"AC" identifies the permit as an air construction permit  
"AF" identifies the permit as a minor federally enforceable state operation permit  
"AO" identifies the permit as a minor source air operation permit  
"AV" identifies the permit as a Title V Major Source Air Operation Permit

PSD Permit Numbers

*Example:* Permit No. PSD-FL-317

*Where:* "PSD" means issued pursuant to the Prevention of Significant Deterioration of Air Quality  
"FL" means that the permit was issued by the State of Florida  
"317" identifies the specific permit project

**RULE CITATION FORMATS**

Florida Administrative Code (F.A.C.)

*Example:* [Rule 62-213.205, F.A.C.]

*Means:* Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

*Example:* [40 CFR 60.7]

*Means:* Title 40, Part 60, Section 7

**SECTION 4. APPENDIX GC**  
**GENERAL CONDITIONS**

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The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

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 and 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 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 acknowledgment 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.
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 and 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.

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 prescribed by Sections 403.73 and 403.111, Florida

**SECTION 4. APPENDIX GC**  
**GENERAL CONDITIONS**

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
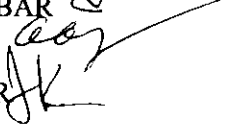
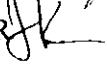
Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 62-4.120 and 62-730.300, 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. This permit also constitutes:
  - a. Determination of Best Available Control Technology (NA);
  - b. Determination of Prevention of Significant Deterioration (NA); and
  - c. Compliance with New Source Performance Standards (NA).
14. 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 records of all data used to complete the application or 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:
    - 1) The date, exact place, and time of sampling or measurements;
    - 2) The person responsible for performing the sampling or measurements;
    - 3) The dates analyses were performed;
    - 4) The person responsible for performing the analyses;
    - 5) The analytical techniques or methods used; and
    - 6) The results of such analyses.
15. 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.

Florida Department of  
Environmental Protection

Memorandum

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TO: Howard Rhodes, DARM  
THRU: Trina Vielhauer, BAR   
Al Linero, NSR   
FROM: Jeff Koerner, NSR   
DATE: May 20, 2003  
SUBJECT: Final Air Construction Permit No. 0990026-006-AC  
Sugar Cane Growers Cooperative of Florida, Inc.  
Boilers 1 and 2 – Grate Replacements

The Final Permit for this project is attached for your approval and signature, which authorizes the following work for Boilers 1 and 2: replacement of the existing fuel grates, addition of a new combustion air fan, modification of the combustion air distribution to provide more over-fire air, and the repair of concrete supports and refractory near the grates. The existing sugar mill boilers operate at the Glades Sugar House, which is near Belle Glade in Palm Beach County, Florida. The Department distributed an "Intent to Issue Permit" package on April 18, 2003. The applicant published the "Public Notice of Intent to Issue" in The Palm Beach Post on April 26, 2003. The Department received the proof of publication on May 12, 2003. No requests for administrative hearings were filed. No comments on the draft permit were received.

Day #90 is July 30, 2003. I recommend your approval of the attached Final Permit for this project.

Attachments