

# Florida Department of Environmental Protection

## Memorandum

TO: Michael G. Cooke, Division of Air Resource Management

THRU: Trina Vielhauer, Bureau of Air Regulation  
Al Linero, Air Permitting South Program *ay*

FROM: Jeff Koerner, Air Permitting South Program *JK*

DATE: August 27, 2004

SUBJECT: Air Permit No. 0990026-008-AC  
Sugar Cane Growers Cooperative of Florida  
Glades Sugar House  
Addition of Natural Gas to Boilers 4 and 5

The Final Permit for this project is attached for your approval and signature, which authorizes modification of the existing oil burners for Boilers 4 and 5 to accommodate natural gas as a startup and supplementary fuel. The existing sugar mill boilers operate at the Glades Sugar House, which is located on West Sugar Road in Belle Glade, Palm Beach County, Florida. The project results in a minor source air construction permit and is not subject to PSD preconstruction review as conditioned. The Bureau of Air Regulation processed this application due to potential PSD implications.

The Department distributed an "Intent to Issue Permit" package on July 21, 2004. The applicant published the "Public Notice of Intent to Issue" in the Palm Beach Post on August 7, 2004. No petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed.

Day #90 is October 22, 2004. I recommend your approval of the attached Final Permit for this project.

### Attachments

*mike,*  
this is actually a good thing. Allowing them to use natural gas as start-up & supplementary fuel (as opposed to oil) should lower emissions at startup & shutdown except maybe a very small potential NOx increase (not significant / not PSD).

*Trina*

## FINAL DETERMINATION

### **PERMITTEE**

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

### **PERMITTING AUTHORITY**

Florida Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation, Air Permitting South Program  
2600 Blair Stone Road, MS #5505  
Tallahassee, Florida, 32399-2400

### **PROJECT**

Air Permit No. 0990026-008-AC  
Sugar Cane Growers Cooperative of Florida – Glades Sugar House  
West Sugar Road in Belle Glade, Palm Beach County, Florida

This permit authorizes modification of the existing oil burners for Boilers 4 and 5 to accommodate natural gas as a startup and supplementary fuel.

### **NOTICE AND PUBLICATION**

The Bureau of Air Regulation distributed an "Intent to Issue Permit" package on July 21, 2004. The applicant published the "Public Notice of Intent to Air Issue" in the Palm Beach Post on August 7, 2004. The Bureau of Air Regulation received the proof of publication on August 25, 2004. No petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed.

### **COMMENTS**

No comments on the Draft Permit were received from the public, the Department's South District Office, the Palm Beach County Health Department. The applicant provided the following comments on the draft permit after the official comment period closed.

*Request:* Change Condition 12 in Section 3 as follows, "Records shall be available for inspection within ~~ten~~ 15 days following each month." *Response:* The Department agreed and made this minor change."

*Request:* As an option to the current permit, allow the burner modification to consist of two modified gas burners in Boilers 4 and 5. The burners are identical and will not change the emissions increases. *Response:* The Department agreed to this minor change and included this option in the final permit.

### **CONCLUSION**

The final action of the Department is to issue the permit with the minor changes described above.

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  
Airport Road, P.O. Box 666  
Belle Glade, Florida 33430-0666

Air Permit No. 0990026-008-AC  
Glades Sugar House, Boilers 4 and 5  
Additional of Natural Gas


*Authorized Representative:*

Mr. Jose F. Alvarez, Sr. Vice President – Planning Operations

Enclosed is Final Air Permit No. 0990026-008-AC, which authorizes modification of the existing oil burners for Boilers 4 and 5 to accommodate natural gas as a startup and supplementary fuel. The existing sugar mill boilers operate at the Glades Sugar House, which is located on West Sugar Road in Belle Glade, Palm Beach County, Florida. As noted in the attached Final Determination, only minor changes to 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

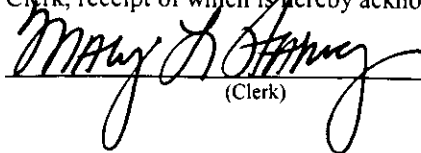
CERTIFICATE OF SERVICE

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 9/15/04 to the persons listed:

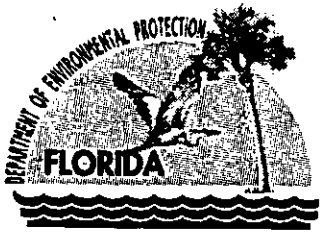
Mr. Jose F. Alvarez\*, Sugar Cane Growers Cooperative of Florida  
Ms. Kathy Lockhart, Sugar Cane Growers Cooperative of Florida  
Mr. David Buff, Golder Associates Inc.  
Mr. Ron Blackburn, SD  
Mr. James Stormer, PBCHD  
Mr. Gregg Worley, EPA Region 4  
Mr. John Bunyak, NPS

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.

  
(Clerk)

9/15/04  
(Date)



# Department of Environmental Protection

Jeb Bush  
Governor

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

Colleen M. Castille  
Secretary

## PERMITTEE:

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

### Authorized Representative:

Mr. Jose F. Alvarez, Sr. Vice President – Planning Operations

Glades Sugar House  
Air Permit No. 0990026-008-AC  
Facility ID No. 0990026  
SIC No. 2061  
Permit Expires: December 30, 2007

## PROJECT AND LOCATION

This permit authorizes modification of the existing oil burners for Boilers 4 and 5 to accommodate natural gas as a startup and supplementary fuel. The existing sugar mill boilers operate at the Glades Sugar House, which is located on West Sugar Road in Belle Glade, Palm Beach County, Florida. The UTM coordinates are Zone 17, 534.9 km East, and 2953.3 km North.

## 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 install the proposed equipment 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 air construction permit supplements all other valid air construction permits.

## CONTENTS

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

Michael G. Cooke, Director  
Division of Air Resource Management

9/14/07

(Date)

## SECTION 1. GENERAL INFORMATION

### FACILITY AND PROJECT DESCRIPTION

This facility consists of a sugar mill and boiling house where sugar cane is milled and pressed. The raw juice is clarified, crystallized, and centrifuged. Steam requirements are furnished by six boilers that fire bagasse as the primary fuel. Bagasse is the fibrous, vegetative material remaining after sugarcane is milled. Each boiler also fires No. 6 fuel oil as a supplementary fuel.

The proposed project will add natural gas-firing capabilities to the following existing boilers.

ID	Emission Unit Description
004	Boiler No. 4 is a traveling grate boiler with a steam production capacity of 300,000 pounds per hour.
005	Boiler No. 5 is a traveling grate boiler with a steam production capacity of 230,000 pounds per hour.

The conditions of this permit regulate Boilers 4 and 5 for the firing of natural gas and include operational restrictions necessary to avoid PSD preconstruction review.

### REGULATORY CLASSIFICATION

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

Title IV: The existing facility has 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 facility in accordance with Rule 62-212.400, F.A.C.

NSPS: The existing facility operates units subject to the New Source Performance Standards of 40 CFR 60.

### 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.

## 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 minor source construction permits and operation permits shall be submitted to Air Resource Section of the Department's South District Office at 2295 Victoria Avenue, Suite #364, Fort Myers, Florida 33901-3381. Copies of permit applications shall also be submitted to each Compliance Authority listed below.
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 Resource 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 A (Citation Format); Appendix B (General Conditions); and Appendix C (Common 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. The facility is subject to all applicable provisions of: Chapter 403 of the Florida Statutes (F.S.); Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The terms used in this permit have specific meanings as defined in the applicable chapters of the Florida Administrative Code. 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. Relaxations of Restrictions on Pollutant Emitting Capacity: If a previously permitted facility or modification becomes a facility or modification which would be subject to the preconstruction review requirements of this rule if it were a proposed new facility or modification solely by virtue of a relaxation in any federally enforceable limitation on the capacity of the facility or modification to emit a pollutant (such as a restriction on hours of operation), which limitation was established after August 7, 1980, then at the time of such relaxation the preconstruction review requirements of this rule shall apply to the facility or modification as though construction had not yet commenced on it. [Rule 62-212.400(2)(g), F.A.C.]
8. Title V Permit: Pursuant to Rule 62-213.420(1)(a)2, F.A.C., the permittee shall submit an application for a revised Title V air operation permit at least ninety (90) days before the expiration of this permit, but no later than 180 days after commencing operation. In accordance with Rule 62-213.412(2), F.A.C., the permittee may immediately implement the changes authorized by this air construction permit after submitting the application for a revised Title V air operation permit to the Permitting Authority and providing copies of the application to EPA Region 4 and each Compliance Authority. To apply for a revised 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 Department's South District Office with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, 62-213.412, and 62-213.420, F.A.C.]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

#### A. Boiler 4 (EU-004) and Boiler 5 (EU-005) – Gas Firing

This section of the permit addresses the following emissions units.

EU No.	Description
004	<b>Boiler No. 4</b> is a traveling grate boiler with a steam production capacity of 300,000 lb/ hour (572 MMBtu/hour). Steam production, steam temperature, and steam pressure are monitored and recorded. The primary fuel is bagasse. No. 6 residual fuel oil and natural gas are used as startup and supplementary fuels. Particulate matter emissions are controlled by two Joy Turbulaire Type D wet impingement scrubbers in parallel. The scrubber pressure drop and inlet water pressure are also monitored. The exhaust stack is 9.46 feet in diameter and 180 feet tall. Flue gases exit the stack at a flow rate of approximately 214,000 acfm and a temperature of 160° F.
005	<b>Boiler No. 5</b> is a traveling grate boiler with a steam production capacity of 230,000 lb/hour (439 MMBtu/hour). Steam production, steam temperature, and steam pressure are monitored and recorded. The primary fuel is bagasse. No. 6 residual fuel oil and natural gas are used as startup and supplementary fuels. Particulate matter emissions are controlled by a multi-cyclone dust collector followed by two Joy Turbulaire Type D wet impingement scrubbers in parallel. The scrubber pressure drop and inlet water pressure are also monitored. The exhaust stack is 7.0 feet in diameter and 150 feet tall. Flue gases exit the stack at a flow rate of approximately 165,320 acfm and a temperature of 160° F.

#### PREVIOUS APPLICABLE REQUIREMENTS

1. Other Permits: The conditions of this permit regulate Boilers 4 and 5 for the firing of natural gas and include operational restrictions necessary to avoid PSD preconstruction review. These conditions supplement prior air construction and operation permits. Unless otherwise specified, these conditions are in addition to all other applicable permit conditions and regulations. [Rule 62-4.070, F.A.C.]

#### EQUIPMENT

2. Burner Modifications and Specifications: For Boilers 4 and 5, the permittee is authorized to modify the existing Peabody oil-fired burners to accommodate the firing of natural gas including, but not limited to, a new diffuser and new gas gun with supports. One of four existing oil burners will be modified for Boiler 4 and all three existing oil burners will be modified for Boiler 5. As an option, the permittee may modify two burners for each boiler. Each modified burner shall be designed for a maximum heat input rate of 100 MMBtu per hour from the firing of natural gas. The total maximum heat input rates to the existing boilers and the maximum heat input rates from firing oil remain unchanged. Each modified burner shall be designed to achieve an emissions rate of 0.20 lb/MMBtu or less for nitrogen oxides (NOx). *{Permitting Note: The preliminary design specification is 0.17 lb/MMBtu of carbon monoxide emissions from each modified burner.}* [Design; Applicant Request]

#### PERFORMANCE RESTRICTIONS

3. Authorized Fuel: In addition to other previously permitted fuels, Boilers 4 and 5 are authorized to fire natural gas as a startup and supplementary fuel. [Applicant Request; Rule 62-210.200(PTE), F.A.C.]
4. Permitted Capacity: For Boiler 4, the maximum heat input rate from firing supplementary fuels (any combination of natural gas and fuel oil) is 393 MMBtu per hour. For Boiler 5, the maximum heat input rate from firing supplementary fuels (any combination of natural gas and fuel oil) is 302 MMBtu per hour. The maximum heat input rate to each modified burner is 100 MMBtu per hour from firing natural gas. *{Permitting Note: The permitted capacities for other fuels are specified in prior permits including the current Title V operation permit.}* [Rules 62-210.200(PTE) and 62-212.400(2)(g), F.A.C.]
5. Restricted Operation: Natural gas fired in both Boilers 4 and 5 combined shall not exceed 632,000,000 standard cubic feet of natural gas during any consecutive 12 months. *{Permitting Note: The restriction on natural gas firing allows this project to avoid PSD preconstruction review. The current Title V operation*

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### A. Boiler 4 (EU-004) and Boiler 5 (EU-005) – Gas Firing

*permit specifies additional operational restrictions for Boilers 4 and 5.* [Rules 62-4.070(3) and 62-212.400(2)(g), F.A.C.]

#### EMISSIONS STANDARDS

6. **Nitrogen Oxides (NO<sub>x</sub>):** Each modified burner shall be designed to achieve a NO<sub>x</sub> emissions performance specification of 0.20 lb/MMBtu or less from the firing of natural gas. NO<sub>x</sub> emissions are defined as all oxides of nitrogen as determined by EPA Method 7E and expressed as “NO<sub>2</sub>”. *{Permitting Note: Other than startup, natural gas will typically be co-fired (with bagasse) as a supplementary fuel. Except for NO<sub>x</sub>, emissions from firing natural gas are expected to be much less than emissions from firing bagasse. Therefore, no other additional standards are imposed by this permit.}* [Design; Rules 62-4.070(3) and 62-212.400(2)(g), F.A.C.]
7. **Other Pollutant Emissions Standards:** All existing emissions standards specified in prior permits for Boilers 4 and 5 shall also apply when firing natural gas alone or in combination with other fuels. *{Permitting Note: This requirement does not impose any additional testing because natural gas is used as a startup fuel and to supplement bagasse.}* [Design; Rules 62-4.070(3), F.A.C.]

#### EMISSIONS PERFORMANCE TESTING

8. **Test Requirements:** NO<sub>x</sub> emissions shall be determined in accordance with EPA Method 7E. EPA Methods 1 through 4 shall be used as necessary to support this test. These methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. Tests shall also be conducted in accordance with the requirements specified in Appendix C of this permit. [Rule 62-297.310(7)(a)9, F.A.C.]
9. **Initial Tests:** The permittee shall conduct an initial test on Boiler 5 to demonstrate compliance with the NO<sub>x</sub> emissions performance specification. The initial performance test shall be conducted within 60 days after achieving permitted capacity on natural gas, but no later than 180 days after initial firing on natural gas. The test shall be performed while Boiler 5 is firing only natural gas at a rate of 270 MMBtu per hour or greater. *{Permitting Note: No test is required for Boiler 4, which is only authorized for one modified burner representing less than 20% of the total permitted heat input rate.}* [Rule 62-4.070(3), F.A.C.]
10. **Subsequent Tests:** Subsequent tests are not required after the initial demonstration of compliance because natural gas will be fired during startups and to supplement the firing of bagasse. However, the Department may require subsequent “special compliance tests” in accordance with Rule 62-297.310(7)(b), F.A.C. [Rules 62-4.070(3) and 62-297.310(7)(b), F.A.C.]

#### RECORDS AND REPORTS

11. **Test Reports:** The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix C of this permit. For each test run, the report shall also indicate the actual natural gas firing rate (million cubic feet per hour), the heating value of the natural gas (MMBtu/million cubic feet), the actual heat input rate (MMBtu per hour), and the actual boiler steam production rate (lb/hour). [Rule 62-297.310(8), F.A.C.]
12. **Monitoring:** In accordance with the manufacturer’s recommendations, the permittee shall install, calibrate, operate, and maintain flow meters with totalizers to monitor and record the natural gas consumption from each boiler. At the end of each month, the permittee shall record the amount indicated by the integrator on the flow meter. The permittee shall calculate and record the heat input rate and amount of natural gas fired during each month and during each consecutive 12-month period. Records shall be available for inspection within 15 days following each month. [Rules 62-4.070(3) and 62-212.400(2)(g), F.A.C.]



**SECTION 4. APPENDICES**  
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- Appendix A. Citation Formats
- Appendix B. General Conditions
- Appendix C. Common Conditions

**SECTION 4. APPENDIX A**  
**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 B**  
**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 B**  
**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 (not applicable);
  - b. Determination of Prevention of Significant Deterioration (not applicable); and
  - c. Compliance with New Source Performance Standards (not applicable).
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.

**SECTION 4. APPENDIX C**  
**COMMON CONDITIONS**

*{Permitting Note: Unless otherwise specified in the permit, the following conditions apply to all emissions units and activities at the facility.}*

**EMISSIONS AND CONTROLS**

1. **Plant Operation - Problems:** If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the permittee shall notify each Compliance Authority as soon as possible, but at least within one working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; steps being taken to correct the problem and prevent future recurrence; and, where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit or the regulations. [Rule 62-4.130, F.A.C.]
2. **Circumvention:** The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]
3. **Excess Emissions Allowed:** Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]
4. **Excess Emissions Prohibited:** Excess emissions caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
5. **Excess Emissions - Notification:** In case of excess emissions resulting from malfunctions, the permittee shall notify the Department or the appropriate Local Program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rule 62-210.700(6), F.A.C.]
6. **VOC or OS Emissions:** No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]
7. **Objectionable Odor Prohibited:** No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-296.320(2) and 62-210.200(203), F.A.C.]
8. **General Visible Emissions:** No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20 percent opacity. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]
9. **Unconfined Particulate Emissions:** During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering and/or application of water or chemicals to the affected areas, as necessary. [Rule 62-296.320(4)(c), F.A.C.]

**TESTING REQUIREMENTS**

10. **Required Number of Test Runs:** For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five-day period allowed for the test, the Secretary or his or her designee may accept the results of two complete runs as proof of compliance, provided that the arithmetic mean of the two complete runs is at least 20% below the allowable emission limiting standard. [Rule 62-297.310(1), F.A.C.]

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11. Operating Rate During Testing: Testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the maximum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]
12. Calculation of Emission Rate: For each emissions performance test, the indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule. [Rule 62-297.310(3), F.A.C.]
13. Test Procedures: Tests shall be conducted in accordance with all applicable requirements of Chapter 62-297, F.A.C.
  - a. *Required Sampling Time*. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes. The minimum observation period for a visible emissions compliance test shall be thirty (30) minutes. The observation period shall include the period during which the highest opacity can reasonably be expected to occur.
  - b. *Minimum Sample Volume*. Unless otherwise specified in the applicable rule or test method, the minimum sample volume per run shall be 25 dry standard cubic feet.
  - c. *Calibration of Sampling Equipment*. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, F.A.C.[Rule 62-297.310(4), F.A.C.]
14. Determination of Process Variables
  - a. *Required Equipment*. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
  - b. *Accuracy of Equipment*. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.[Rule 62-297.310(5), F.A.C.]
15. Sampling Facilities: The permittee shall install permanent stack sampling ports and provide sampling facilities that meet the requirements of Rule 62-297.310(6), F.A.C.
16. Test Notification: The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator. [Rule 62-297.310(7)(a)9, F.A.C.]
17. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)(b), F.A.C.]
18. Test Reports: The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the

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test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard and the resulting maximum allowable emission rate for the emissions unit plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rule 62-297.310(8), F.A.C.]

**RECORDS AND REPORTS**

19. Records Retention: All measurements, records, and other data required by this permit shall be documented in a permanent, legible format and retained for at least five (5) years following the date on which such measurements, records, or data are recorded. Records shall be made available to the Department upon request. [Rules 62-4.160(14) and 62-213.440(1)(b)2, F.A.C.]
20. Annual Operating Report: The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by March 1st of each year. [Rule 62-210.370(2), F.A.C.]

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee  <i>x Evelyn B. Taylor</i></p> <p>B. Received by (Printed Name) <input type="checkbox"/> Date of Delivery  <i>Evelyn B. Taylor 9/21/01</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:          Mr. Jose F. Alvarez          Sugar Cane Growers Cooperative          of Florida          Airport Road          Post Office Box 666          Belle Glade, Florida 33430-0666</p>	<p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number 7000 1670 0013 3110 3094          (Transfer from service label)</p>	
<p>PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540</p>	

<b>U.S. Postal Service</b> <b>CERTIFIED MAIL RECEIPT</b> <i>(Domestic Mail Only; No Insurance Coverage Provided)</i>													
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<p>Sent To: Mr. Jose F. Alvarez/Sugar Cane Growers          Cooperative of Florida          Street, Apt. No. or P.O. Box No.: Airport Road, Post Office Box 666          City, State, ZIP+4: Belle Glade, Florida 33430-0666</p>													
<p>PS Form 3800, May 2000 See Reverse for Instructions</p>													