Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Mr. Don Pope, Maintenance Manager
Juice Bowl Products, Inc.
P.O. Box 1048
Lakeland, FL 33802-1048

Re: Project No. 1050431-001-AC
Juice Bowl Products, Inc.
Minor Air Construction Permit
Project: 800 HP Boiler

Dear Mr. Pope:

On May 19, 2009, you submitted an application requesting an after-the-fact air pollution construction permit for an 800 HP boiler. This facility is located in Polk County at 2090 Bartow Road, in Lakeland, Florida. Enclosed are the following documents: the the Technical Evaluation and Prelimary Determination; the Draft Permit and Appendices; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit. The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published on the legal advertisement section of a newspaper of general circulation in the area affected by this project. If you have any questions, please contact the project engineer, Jim McDonald, at 813-632-7600 extension 106.

Sincerely,

Mara Grace Nasca

Mara Grace Nasca
District Air Program Administrator
Southwest District

Enclosures

MGN/JLM/pp

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

In the Matter of an
Application for Air Permit by:

Juice Bowl Products, Inc.
P.O. Box 1048
Lakeland, FL 33802-1048

Authorized Representative:
Mr. Don Pope, Maintenance Manager

Project No. 1050431-001-AC
Minor Air Construction Permit
Polk County, Florida

Project: 800 HP Boiler

Facility Location: Juice Bowl Products, Inc. operates an existing facility that produces frozen orange juice concentrate and packages other beverage products, which is located in Polk County at 2090 Bartow Road in Lakeland, Florida.

Project: The applicant proposes the after-the-fact construction of an 800 HP boiler. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air Resource Management Section in the Southwest District Office. The Permitting Authority's physical address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's mailing address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's telephone number is 813/632-7600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements,

please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a

petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Executed in Hillsborough County, Florida.

Mara Grace Nasca

Mara Grace Nasca
District Air Program Administrator
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Draft Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 06-22-2009 to the persons listed below.

Mr. Don Pope, Maintenance Manager
Juice Bowl Products, Inc.
Don.Pope@JuiceBowl.com

Mr. Bruno A. Ferraro, President
Grove Scientific & Engineering Co.
Bruno@grovescientific.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Patricia Pickett 06-22-2009
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Air Resource Management, Southwest District Office
Draft Minor Air Construction Permit
Project No. 1050431-001-AC
Juice Bowl Products, Inc.
Polk County, Florida

Applicant: The applicant for this project is Juice Bowl Products, Inc. The applicant's authorized representative and mailing address is: Mr. Don Pope, Maintenance Manager, Juice Bowl Products, Inc. P.O. Box 1048, Lakeland, Florida 33802-1048.

Facility Location: Juice Bowl Products, Inc. operates an existing facility that produces frozen orange juice concentrate and packages other beverage products, which is located in Polk County at 2090 Bartow Road in Lakeland, Florida.

Project: The after-the-fact construction of an 800 HP boiler fired only with natural gas. The boiler is subject to the requirements of Title 40, Code of Federal Regulations, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and Rule 62-296.406, F.A.C. – Fossil Fuel Steam Generators With Less Than 250 Million BTU Per Hour Heat Input, New, and Existing Units.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air Resource Management Section in the Southwest District Office. The Permitting Authority's physical address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's mailing address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's telephone number is 813/632-7600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: http://www.dep.state.fl.us/air/eproducts/apds/default.asp.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of this Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of

the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

DRAFT PERMIT

PERMITTEE

Juice Bowl Products, Inc.
P.O. Box 1048
Lakeland, FL 33802-1048

Authorized Representative:
Mr. Don Pope, Maintenance Manager

Air Permit No. 1050431-001-AC
Permit Expires: 12/15/2010
Site Name: Lakeland Facility
Minor Air Construction Permit
Project: 800 HP Boiler

PROJECT AND LOCATION

This permit authorizes the after-the-fact construction of an 800 horsepower (HP) Boiler fired only with natural gas. The boiler is at Juice Bowl Products, Inc.'s facility (Standard Industrial Classification No. 2037). The facility is located in Polk County at 2090 Bartow Road, in Lakeland, Florida. The UTM coordinates are Zone 17, 409.49 km East, and 3099.78 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 conduct 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 project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

CONTENTS

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

Executed in Hillsborough County, Florida

DRAFT

Mara Grace Nasca
District Air Program Administrator
Southwest District

Effective Date

FACILITY AND PROJECT DESCRIPTION

Project Description and Proposed Emission Unit

For the after-the-fact construction of an 800 HP boiler fired only with natural gas at a facility that produces frozen orange juice concentrate and packages other beverage products. This project will create the following emissions unit.

Facility ID No. 1050431	
ID No.	**Emission Unit Description**
001	**800 HP Boiler**

NOTE: *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

Exempt Emission Units/Activities

- A 750 HP Boiler (Serial Number SN-4224 constructed on July 18, 1977) and 500 HP Boiler (Serial Number SN-3916 constructed in 1973) per Rule 62-210.300(3)(a)34., F.A.C. Both of these exempt boilers were previously permitted with Facility ID No. 1050127.

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a natural minor source of air pollution.

PERMIT HISTORY/AFFECTED PERMITS

No previous permits for the 800 HP Boiler, but the two (2) exempt boilers noted above were previously permitted with Facility ID No. 1050127.

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

   Florida Department of Environmental Protection
   Southwest District Office
   Air Resource Management Section
   13051 North Telecom Parkway
   Temple Terrace, Florida 33637-0926
   Telephone: 813-632-7600

   All documents related to applications for permits to operate an emissions unit shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District Office's Air Resource Management Section (see above mailing address and phone number).

3. Appendices: The following Appendices are attached as part of this permit:

   A. Appendix A. Citation Formats and Glossary of Common Terms;
   B. Appendix B. General Conditions;
   C. Appendix C. Common Conditions; and
   D. Appendix D. Common Testing Requirements.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is 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. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

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: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
   [Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Application for Non-Title V Air Operation Permit: This permit authorizes the after-the-fact construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Non-Title V air operation permit is required for continued operation of the permitted emissions unit(s). The permittee shall apply for a Non-Title V air operation permit within 45 days of conducting the visible emission test required by Specific Condition No. A.6. The application shall also be submitted in conjunction with the visible emission test report required by Common Testing Requirement No. 5 of Appendix D and at least 90 days prior to expiration of this permit. To apply for a Non-Title air operation permit, the applicant shall submit the following:

   A. the appropriate permit application form *(see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/)*;

   B. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and

   C. copies of the fuel usage records/logs required by Specific Condition No. A.14. below for the month the visible emission test required by Specific Condition No. A.6. below was conducted.

The application shall be submitted to the Permitting Authority.

[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

A. EU No(s). 001 - 800 HP Boiler

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	An 800 HP Hurst Boiler, Series 400, Model S4-X800-150 (Serial No. S4000-150-27) fired only with natural gas at a maximum design heat input rate of 34.3 MMBTU/hr. Note, the boiler's heat input rate is based on a maximum input of 33,600 cubic feet of natural gas per hour and the natural gas having a heat content of 1,020 BTU/cubic foot. The boiler is subject to the requirements of Title 40, Code of Federal Regulations (CFR), Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and Rule 62-296.406, F.A.C. - Fossil Fuel Steam Generators With Less Than 250 Million BTU Per Hour Heat Input, New, and Existing Units.

PERFORMANCE RESTRICTIONS

A.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, which is adopted by reference in Rule 62-204.800, F.A.C.
[Rule 62-204.800(8), F.A.C.]

A.2. Permitted Capacity: The boiler's maximum heat input rate is 34.3 MMBTU/hr.
Permitting Note: The facility is not required to keep routine hourly or daily records to demonstrate compliance with this limitation, except as required by Specific Condition Nos. A.13. and A.14.
[Rule 62-210.200(PTE), F.A.C.]

A.3 Authorized Fuel: The boiler is fired only with natural gas.
[Permit Application dated May 19, 2009 and Rule 62-296.406, F.A.C. and BACT dated June18, 2009]

A.4. Restricted Operation: The hours of operation of are not limited (8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

A.5. Visible Emission Standard: Visible emissions shall not 20% opacity except for one six-minute period per hour during which opacity shall not exceed 27%.
[Rule 62-296.406(1), F.A.C.]

TESTING REQUIREMENTS

A.6. Initial Compliance Test: The boiler shall be tested to demonstrate initial compliance with the visible emission standard. The initial test shall be conducted no later than 60 days after commencing operation of the boiler after the effective date of this permit.
[Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

A.7. Compliance Tests After the Initial Compliance Test: Visible emission tests after the initial visible emission test shall be conducted during the 105 -365 day period prior to the expiration date of the boiler's current air operation permit.
[Rule 62-297.310(7)(a)4., F.A.C.]

A.8. Test Requirements: Visible emission tests shall be a minimum of 60 minutes in duration and shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(7)(a)9., F.A.C.]

A.9. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

A.10. Fuel Usage Monitor: The boiler shall have its own natural gas usage monitor/meter in order to determine the amount of natural gas combusted/inputted, in cubic feet.
[Rule 62-4.070(3), F.A.C.]

NOTIFICATION REQUIREMENTS

A.11. Test Notification: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.
{*Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.*}
[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

A.12. Notification of Operation Commencement: The permittee shall notify the Compliance Authority in writing of the date of commencing operation of the EU No. 001, no later than five (5) business days after that date.
[Rule 62-4.070, F.A.C.]

RECORDS AND REPORTS

A.13. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. Be sure to attach to the test report:

a. A copy of the log(s) required in Specific Condition No. A.14. for the month the test was conducted.
b. The actual natural gas input rate in MMBTU/hr. for the test period.

[Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

A.14. Monthly/Daily Logs: The permittee shall maintain the following records:

a. **Monthly** record the amount of natural gas combusted in the boiler, in cubic feet.

b. If the most recent visible emission test was conducted at an actual heat input rate of less than 30.9 MMBTU/hr. (90% of 34.3 MMBTU/hr.): In order to determine when a new visible emission test is required as stipulated in Common Testing Condition No. 1. of Appendix D, the permittee shall **daily** record the following until the most recent visible emission test is conducted at a heat input rate of 90-100% of 34.3 MMBTU/hr. (30.9 - 34.3 MMBTU/hr.):

1. Date.
2. Facility ID No. and Emission Unit No. (e.g., Facility ID No. 1050431, EU No. 001)
3. Starting operation time.
4. Ending operation time.
5. Total daily hours of operation.
6. Beginning natural gas usage meter reading, in cubic feet.
7. Ending natural gas usage meter reading, in cubic feet.
8 Total natural gas usage in cubic feet.
9. Natural gas heat content in MMBTU per cubic feet.
10. Daily average natural gas heat rate in MMBTU/hr.

Monthly records shall be completed by the 15th day of the following month and daily records shall be completed by the end of the fifth business day. The records shall be kept at the facility for the most recent three (3) year period.
[Rule 62-4.070(3), F.A.C.; 40 CFR 60.48c(g)(2) and (i)]

Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
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Jeff Kottkamp
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Michael W. Sole
Secretary

Best Available Control Technology (BACT) Determination
Juice Bowl Products, Inc.
Polk County
Construction Permit No. 1050431-001-AC

Juice Bowl Products, Inc. has submitted an application dated May 19, 2009 for an after-the-fact construction permit for an 800 HP Hurst Boiler, Series 400, Model S4-X800-150 (Serial No. S4000-150-27) at 2090 Bartow Road, Lakeland, Polk County. The boiler is fired only with natural gas at a maximum heat input rate of 34.3 million BTU per hour (MMBTU/hr.).

This BACT determination is required for the source as set forth in Rule 62-296.406, Florida Administrative Code - Emission Standards for Fossil Fuel Fired Steam Generators with Less Than 250 million BTU/hr. Heat Input, New and Existing Sources.

BACT Determination Requested by Applicant:

Particulate matter and sulfur dioxide emissions are to be controlled by the firing of natural gas.

Date of Receipt of BACT Application: May 19, 2009

BACT Determination by DEP:

The amount of particulate matter and sulfur dioxide emissions from the boiler shall be limited by the firing of natural gas.

BACT Determination Rationale:

Sulfur in fuel is a primary air pollution concern, since most of the fuel's sulfur becomes sulfur dioxide. Also, particulate matter emissions from fuel burning are related to the sulfur content. The Department has performed air dispersion modeling analyses on small natural gas/low sulfur oil fired boilers typical of those recently permitted in Florida. These analyses show that all standards and increments will be met with the use of natural gas.

Details of the Air Dispersion Analysis May be Obtained by Contacting:

A. A. Linero, P.E. Supervisor, New Source Review Section
Department of Environmental Protection
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

Recommended by:

Cindy Zhang-Torres

Cindy Zhang-Torres, P.E.
Air Permitting Supervisor
Southwest District

June 15, 2009

Approved by:

Mara Grace Nasca

Mara Grace Nasca
District Air Program Administrator
Southwest District

June 18, 2009