

**NOTICE OF FINAL PERMIT**

In the Matter of an  
Application for Permit by:

Mr. Mark Smidebush  
Ocean Spray Cranberries, Inc.  
925 74th Avenue, Southwest  
Vero Beach, Florida 32968-9702

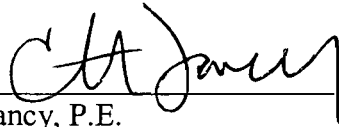
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FINAL Permit Revision No.: 0610021-010-AV  
Vero Beach Facility

Enclosed is FINAL Permit Revision Number 0610021-010-AV for the operation of the Vero Beach Facility located at 925 74<sup>th</sup> Avenue, Southwest, Vero Beach, Indian River County, issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the permitting authority in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E.

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 7/1/02 to the person(s) listed or as otherwise noted:

Mark Smidebush, Plant Manager, Ocean Spray Cranberries, Inc.  
Larry Stuart, P.E., Bottorf Associates, Inc.  
Leonard Kozlov, P.E., CD  
USEPA, Region 4 (INTERNET E-mail Memorandum)

7/1/02  
cc: Ed Svec  
Reading File

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.

Barbara J. Sunday 7/1/02  
(Clerk) (Date)

## **FINAL PERMIT DETERMINATION**

FINAL Permit No.: 0610021-010-AV

Page 1 of 1

### **I. Comment(s).**

No comments were received on the PROPOSED Title V Permit Revision.

### **II. Conclusion.**

Since no comments were received, the PROPOSED Title V Air Operation Permit Revision becomes the FINAL Title V Air Operation Permit Revision.

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>	A. Received by (Please Print Clearly)	B. Date of Delivery
1. Article Addressed to:  Mr. Mark Smidebush Ocean Spray Cranberries, Inc. 925 74th Avenue, Southwest Vero Beach, Florida 32968-9702	C. Signature <i>Tom Hayes</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Copy from service label) 7000 0520 0020 9371 3155	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. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

U.S. Postal Service <b>CERTIFIED MAIL RECEIPT</b> (Domestic Mail Only; No Insurance Coverage Provided)		
Mr. Mark Smidebush		
Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	
<b>Recipient's Name (Please Print Clearly) (To be completed by mailer)</b>		
Mr. Mark Smidebush		
Street, Apt. No.; or PO Box No.		
925 74th Avenue, Southwest		
City, State, ZIP+4		
Vero Beach, Florida 32968-9702		

7000 0520 0020 9371 3155

PS Form 3800, February 2000 See Reverse for Instructions

## STATEMENT OF BASIS

Ocean Spray Cranberries, Inc.  
Vero Beach Facility  
**Facility ID No.:** 0610021  
Indian River County

Title V Air Operation Permit Revision  
FINAL Title V Permit Revision No.: 0610021-010-AV

The initial Title V air operation permit went final and effective on July 20, 1999. This Title V air operation permit with revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The subject of this permit revision is to allow sufficient operating hours to process a maximum 6.4 million boxes of fruit per year. To accomplish this, the following Facility-wide condition was added:

**25. Fruit Throughput Limited:** The owner or operator shall not process more than 6.4 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10<sup>th</sup> day of each following month. [Rule 62-4.070(3), F.A.C. and 0610021-009-AC]

In addition, the following conditions were changed:

**From:**

**A3. Hours of Operation.** The hours of operation for these emissions unit shall not exceed the following hours per twelve consecutive months.

- a. peel dryer no. 1 - 3528 hours\*
- b. peel dryer no. 2 - 3528 hours\*
- c. pellet cooler - 3528 hours
- d. total of peel dryers no. 1 and no. 2 - 3528 hours\*

\*Dryers No. 1 and 2 shall not operate simultaneously.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C. and construction permit 0610021-005-AC]

**A4. Peel dryers no. 1 and 2** are subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. For process weight rates up to 30 tons per hour, P, the respective allowable emission rates, E in pounds per hour is given below:

$$E = 3.59 (P^{0.62})$$

The maximum process weight is 27.0 tons/hour (dryer no. 1) and 36.0 tons/hour (dryer no. 2) and, as requested by the applicant, the emission rate is capped at 17.3 pounds per hour from each dryer and annual emissions are capped at a total of 30.52 tons per any consecutive twelve month period from both dryers since both dryers can not be operated simultaneously. For lower process rates, i.e. those below 12.6 tons per hour, the process weight rule equation limitation will be the more stringent limitation.

[Construction permit 0610021-005-AC and Rule 62-296.320(4)(a), F.A.C.]

**A5.** The pellet cooler is subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. For process weight rates up to 30 tons per hour, P, the respective allowable emission rates, E in pounds per hour is given below:

$$E = 3.59 (P^{0.62})$$

The maximum process weight is 13.8 tons/hour and, as requested by the applicant, the emission rate is capped at 15.0 pounds per hour and annual emissions are capped at 26.46 tons per any consecutive twelve month period. For lower process rates, i.e. those below 10.0 tons per hour, the process weight rule equation limitation will be the more stringent limitation.

[Construction permit 0610021-005-AC and Rule 62-296.320(4)(a), F.A.C.]

**To:**

**A3. Hours of Operation.** For emission calculations, the hours of operation for these emissions units are estimated not to exceed 3,737 hours per year.

\*Dryers No. 1 and 2 shall not operate simultaneously.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C. and construction permit 0610021-009-AC]

**A4.** Peel dryers no. 1 and 2 are subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. The maximum process weight is 27.0 tons/hour (dryer no. 1) and 36.0 tons/hour (dryer no. 2) and, as requested by the applicant, the emission rate is capped at 17.3 pounds per hour from each dryer and annual emissions are capped at a total of 32.32 tons per any consecutive twelve month period from both dryers since both dryers can not be operated simultaneously.

[Construction permit 0610021-009-AC and Rule 62-296.320(4)(a), F.A.C.]

**A5.** The pellet cooler is subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. The maximum process weight is 13.8 tons/hour and, as requested by the applicant, the emission rate is capped at 15.0 pounds per hour and annual emissions are capped at 28.03 tons per any consecutive twelve month period. For lower process rates, i.e. those below 10.0 tons per hour, the process weight rule equation limitation will be the more stringent limitation.

[Construction permit 0610021-009-AC and Rule 62-296.320(4)(a), F.A.C.]

Ocean Spray Cranberries, Inc.  
**Facility ID No.:** 0610021  
Indian River County

**Title V Air Operation Permit Revision**

**FINAL Permit No.:** 0610021-010-AV  
**Revision to Title V Air Operation Permit No.:** 0610021-007-AV

Permitting Authority:

State of Florida  
Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation  
Title V Section

Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Telephone: 850/488-1344  
Fax: 850/922-6979

Compliance Authority:

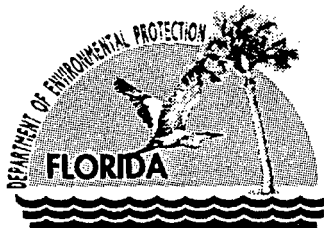
Florida Department of Environmental Protection  
Central District  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803  
Telephone: 407/894-7555  
Fax: 407/897-5963

Title V Air Operation Permit Revision  
FINAL Permit No.: 0610021-010-AV  
Revision to Title V Air Operation Permit No.: 0610021-007-AV

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Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

**Permittee:**

Ocean Spray Cranberries, Inc.  
925 74th Avenue, Southwest  
Vero Beach, FL 32968-9702

**FINAL Permit No.:** 0610021-010-AV

**Facility ID No.:** 0610021

**SIC Nos.:** 20, 2033, 2037, 2048

**Project:** Title V Air Operation Permit Revision

Attn: Mark Smidebush, Plant Manager

This permit revision is being issued for the purpose of allowing sufficient operating hours to process a maximum 6.4 million boxes of fruit per year and is located at the existing Vero Beach Facility. This facility is located at 925 74th Avenue, Southwest, Vero Beach, Indian River County; UTM Coordinates: Zone 17, 550.7 km East and 3051.3 km North; Latitude: 27° 35' 10" North and Longitude: 80° 28' 55" West.

**STATEMENT OF BASIS:** This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

APPENDIX I-1, List of Insignificant Emissions Units and/or Activities

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/7/96)

APPENDIX TV-4, TITLE V CONDITIONS (version dated 2/12/02)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/7/96)

**Effective Date:** July 20, 1999

**Title V Permit Revision Effective Date:** June 24, 2002

**Renewal Application Due Date:** December 31, 2003

**Expiration Date:** June 30, 2004

Howard L. Rhodes, Director  
Division of Air Resource Management

HLR/sms/ejs

*"More Protection, Less Process"*

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## Section I. Facility Information.

### Subsection A. Facility Description.

This facility consists of two citrus peel dryers (nos. 1 and 2) equipped with a waste heat evaporator and an integral scrubber to control particulate emissions; one pellet cooler equipped with a cyclone to control particulate emissions; and three steam boilers (nos. 1, 2, and 3).

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the initial Title V permit application received June 12, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

### Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

#### E.U. ID

<u>No.</u>	<u>Brief Description</u>
-004	Citrus Peel Dryer No. 1
-006	Citrus Peel Dryer No. 2
-005	Pellet Cooler
-002	Steam Boiler No. 1
-003	Steam Boiler No. 2
-001	Steam Boiler No. 3

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*

### Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

#### These documents are provided to the permittee for information purposes only:

Appendix A-1: Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1: Permit History

#### These documents are on file with the permitting authority:

Initial Title V Air Operation Permit issued July 20, 1999

Application for a Title V Air Operation Permit Revision received November 26, 2001

Additional Information received December 11, 2001

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS (version 2/12/02), is a part of this permit. APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to 62-297, F.A.C.  
[Rule 62-296.320(4)(b)1., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
  - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
  - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
5. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.  
[Rule 62-296.320(1)(a), F.A.C.]
6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.  
[Rule 62-213.440(1), 62-213.440(6), and 62-4.040(1)(b), F.A.C.]
7. **Not Federally Enforceable.** Reasonable precautions shall be taken to prevent and control the generation of unconfined emissions of particulate matter. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. These precautions shall include good work practices such as the use of water to keep roadways and work areas damp to control dust and windborne emissions.  
[Rule 62-296.320(4)(c)2., F.A.C.]

8. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C. [Rules 62-213.440(3) and 62-213.900, F.A.C.]

9. Excess emissions resulting from startup, shutdown or malfunction of any source shall be permitted providing (1) best operational practices to minimize emissions are adhered to (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.]  
{Permitting Note: This rule is not applicable to sources subject to PSD, NSPS, NESHAP regulations.}

10. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

11. A statement that a situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedence of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3). [Rule 62-213.440(1)(d)5, F.A.C.]

Test Methods and Procedures

12. Compliance with the monitoring requirements of this permit for monitoring equipment not previously installed prior to issuance of this permit shall commence on the date of the next required compliance test after issuance of this permit. [Rule 62-213.440(1)(b), F.A.C.]

13. The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring*. [Rule 62-297.401, F.A.C.]

14. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty minutes in duration, unless otherwise specified within. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-297.310(4)(a)2, F.A.C.]

15. Testing of emissions shall be conducted with the source operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than 30 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.

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

Recordkeeping and Reporting Requirements

16. The permittee shall notify the Air Compliance Section of the Central District Office of 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 contact person who will be responsible for coordinating and having such test conducted.

[Rule 62-297.310(7)(a)9, F.A.C.]

17. The permittee shall submit to the Air Compliance Section of Central District Office of the Department each calendar year, on or before March 1, a completed DEP Form 62-213.900 (5), an "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), F.S.:

- a. Annual amount of materials and/or fuels utilized;
- b. Annual emissions (note calculation basis);
- c. Hours of operation;
- d. Any changes in the information contained in the permit.

[Rule 62-210.370(3), F.A.C.]

18. Test Reports

a. The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Air Compliance Section of Central District Office of the Department, and the applicable local program(s) on the results of each such test.

b. 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 or with the operating permit application, whichever is earlier.

c. The report shall provide sufficient detail on the emissions unit tested (at a minimum, the "Project", "Facility ID" and "Point ID"), the test procedures used to allow the Department to determine if the test report was properly conducted and the test results properly computed. Testing procedures shall be consistent with the requirements of Rule 62-297.310(7), F.A.C.

d. The test report, other than for an EPA or DEP Method 9 test, as a minimum, shall provide the following information:

1. 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.
2. The normal operating parameters of air pollution control devices installed on each emission unit (e.g., pressure drop, scrubber liquid flow rate, scrubber liquid pressure, total current, etc.), and the operating parameters of air pollution control devices during each test run.

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

19. Hours of Operation - Unless otherwise noted, all emission units are allowed to operate continuously, i.e., 8760 hours per year.

[Rule 62-4.070(3), F.A.C.]

20. At a minimum, all records and logs required by this permit shall be updated monthly. (Also reference appendix TV-4, items 12.(14)(b) and (c) and 42.)

[Rule 62-4.070(3), F.A.C.]

21. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

22. The permittee shall submit all compliance related notifications and reports required of this permit to:

Department of Environmental Protection  
Central District Office  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803  
Telephone: 407/894-7555  
Fax: 407/897-5963

23. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air, Pesticides & Toxics Management Division  
Air and EPCRA Enforcement Branch  
Air Enforcement Section  
61 Forsyth Street  
Atlanta, Georgia 30303-8960  
Telephone: 404/562-9155; Fax: 404/562-9163

24. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of an air permit application, DEP Form No. 62-210.900(1).

[Rule 62-4.090(1), F.A.C., Reference Appendix TV-4, item 5]

25. Fruit Throughput Limited: The owner or operator shall not process more than 6.4 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10<sup>th</sup> day of each following month. [Rule 62-4.070(3), F.A.C. and 0610021-009-AC]

### Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

#### E.U. ID

<u>No.</u>	<u>Brief Description</u>
-004	Citrus Peel Dryer No. 1
-006	Citrus Peel Dryer No. 2
-005	Pellet Cooler

Citrus peel dryers (nos. 1 and 2) are equipped with a waste heat evaporator and an integral scrubber to control particulate emissions. The pellet cooler is equipped with a cyclone to control particulate emissions.

These emissions units are regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.

The following specific conditions apply to the emissions unit(s) listed above:

#### Essential Potential to Emit (PTE) Parameters

##### A1. Capacity.

- The maximum process input rate (wet peel) to peel dryer no. 1 shall not exceed 95,256 tons per twelve consecutive months.
- The maximum process input rate (wet peel) to peel dryer no. 2 shall not exceed 127,008 tons per twelve consecutive months.
- The maximum process rate, which includes moisture, for the pellet cooler shall not exceed 48,686 tons per twelve consecutive months.
- The maximum process input rate (wet peel) to both dryers shall not exceed 127,008 tons per twelve consecutive months.

[Rules 62-4.160(2), F.A.C. and 62-210.200, (PTE), F.A.C. and construction permit 0610021-005-AC]

##### A2. Methods of Operation - (i.e., Fuels).

The fuel used by the peel dryers shall be limited to natural gas, propane, or new no. 2 fuel oil with a sulfur content not to exceed 0.5% S by weight. The maximum fuel usage rate for the two citrus peel dryers shall not exceed 1,265,494 gallons (combined total) per twelve consecutive months.

[Rules 62-210.200, (PTE), F.A.C. and 62-4.160(2), F.A.C., and construction permit 0610021-005-AC]

A3. Hours of Operation. For emission calculations, the hours of operation for these emissions units are estimated not to exceed 3,737 hours per year.

\*Dryers No. 1 and 2 shall not operate simultaneously.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C. and construction permit 0610021-009-AC]

### **Emission Limitations and Standards**

**A4.** Peel dryers no. 1 and 2 are subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. The maximum process weight is 27.0 tons/hour (dryer no. 1) and 36.0 tons/hour (dryer no. 2) and, as requested by the applicant, the emission rate is capped at 17.3 pounds per hour from each dryer and annual emissions are capped at a total of 32.32 tons per any consecutive twelve month period from both dryers since both dryers can not be operated simultaneously.  
[Construction permit 0610021-009-AC and Rule 62-296.320(4)(a), F.A.C.]

**A5.** The pellet cooler is subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. The maximum process weight is 13.8 tons/hour and, as requested by the applicant, the emission rate is capped at 15.0 pounds per hour and annual emissions are capped at 28.03 tons per any consecutive twelve month period. For lower process rates, i.e. those below 10.0 tons per hour, the process weight rule equation limitation will be the more stringent limitation.  
[Construction permit 0610021-009-AC and Rule 62-296.320(4)(a), F.A.C.]

**A6.** Visible emissions from each emission unit shall not be equal to or greater than 20% opacity.  
[Rule 62-296.320(4)(b)(1), F.A.C.]

**A7.** Emissions of sulfur dioxide (SO<sub>2</sub>) from peel dryers no. 1 and 2 shall not exceed 44.93 tons per twelve consecutive months (combined total), as requested by the applicant.  
[Construction permit 0610021-005-AC]

### **Test Methods and Procedures**

**A8.** Each peel dryer shall be tested for visible emissions for a 30 minute period annually on, or during the 60 day period prior to January 30. Each peel dryer shall be tested for particulate matter emissions prior to permit renewal. (Note that peel dryer no. 2 shall be tested within 30 days after being placed in operation.) Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. A statement of each units process input rate and the fuel type and heat input rate shall be included with all test reports.  
[Rules 62-297.310(7)(a), F.A.C. and 62-4.070(3), F.A.C.]



A9. The pellet cooler shall be tested for visible emissions for a 30 minute period annually on or during the 60 day period prior to January 30. The pellet cooler shall be tested for particulate matter emissions prior to permit renewal. (Note that the pellet cooler shall be tested within 30 days after being placed in operation at its higher permitted capacity.) Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. A statement of the units process rate shall be included with all test reports.

[Rules 62-297.310(7)(a), F.A.C. and 62-4.070(3), F.A.C.]

A10. Compliance with the emission limitations shall be determined using EPA Methods 1, 2, 3, 4, 5, 9, 10, and 25A or Method 25A in conjunction with Method 18 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60 Appendix A.

[Rule 62-297, F.A.C. and Alternate Sampling Procedure Order No. 97-G-01]

A11. The permittee shall demonstrate compliance with the liquid fuel sulfur limit by the vendor providing a fuel analysis upon each fuel delivery or on analysis of as-received samples taken at the facility.

[Rules 62-213.440 and 62-296.406(3), F.A.C.]

A12. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using one of ASTM D2622-94, ASTM D4294-90(95), ASTM 1552-95, ASTM D1266-91, or both ASTM D4057-88 and ASTM D129-95 or latest editions.

[Rules 62-213.440, 62-296.406(3), 62-070(3), and 62-297.440, F.A.C.]

A13. The maximum permitted process rates during compliance testing are as follows:

- a) peel dryer no. 1 - 27.0 tons/hr. wet peel input
- b) peel dryer no. 2 - 36.0 tons/hr. wet peel input
- c) pellet cooler - 13.8 tons/hr.

[Construction permit 0610021-005-AC]

A14. Compliance Schedule. The applicant shall provide a construction permit application to reduce the potential to emit which are currently based upon construction permit 0610021-005-AC. The conditions, which the applicant wants reduced, are conditions A1 and A3. **The revised construction permit shall be received within thirty days after issuance of the Final permit and will make federally enforceable the lowering of the potential to emit of VOC emissions.** In accordance with the following compliance schedule the emission units shall be in compliance with the following requirements within the specified time after issuance of this permit. The applicant shall notify the Department in writing, within 15 days after the date specified for each milestone, to include the achievement of compliance, of progress achieved, requirements met, requirements not met, corrective measures adopted and an explanation of any measures not met by the completion date for the milestone or for compliance. All reports shall be accompanied by a certification, signed by a responsible official in accordance with Rule 62-213.420(4), F.A.C.

<u>Referenced Standard</u>	<u>Task Description</u>	<u>Following Permit Issuance</u>
62-213.420(1)(b)2., F.A.C.	Submit updated CO & VOC potential to emit estimates and provide a PSD applicability determination.	90 days
62-213.420(1)(b)2., F.A.C.	Submit a proposed compliance procedure to determine VOC emissions, including parametric monitoring to provide a regular compliance demonstration between emission tests, such as measured oil recovery rates, etc.	90 days
62-297.310(6)(d)1. & 2, F.A.C.	Increase stack test platform width to 3 feet.	180 days

[Rule 62-213.440(2), F.A.C. and Title V application received June 12, 1996]

#### Monitoring of Operations

##### A15. 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.]

**Recordkeeping and Reporting Requirements**

**A16.** In order to demonstrate compliance with conditions no. A1, A2, A3, A4, A5, A7, and A8, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly

- a) month
  - fuel type and no. 2 fuel oil sulfur content
- b) consecutive 12 month total of:
  - process rates
  - hours of operation
  - particulate emissions
  - SO2 emissions
  - gallons no. 2 fuel oil fired

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

**A17.** Compliance with the SO2 emission limitation shall be demonstrated by calculations based on keeping of records of the fuel oil sulfur content and fuel oil consumption for each combustion emission unit. Calculation of emissions shall be done each month and on a rolling twelve month total basis and shall be completed no later than 10 days following the end of each month. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.

[Rule 62-4.070(3), F.A.C.]

**Subsection B. This section addresses the following emissions unit(s).**

**E.U. ID**

<b><u>No.</u></b>	<b><u>Brief Description</u></b>
-002	Steam Boiler No. 1
-003	Steam Boiler No. 2
-001	Steam Boiler No. 3

Steam Boiler No. 1 is a Cleaver Brooks, Model CB500; Steam Boiler No. 2 is a Johnston, Model 534; and Steam Boiler No. 3 is a Johnston, Model 530.

These emission units are regulated under 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.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**B1. Methods of Operation - (i.e., Fuels).**

The fuel used by the boilers shall be limited to natural gas, propane, or new no. 2 fuel oil with a sulfur content not to exceed 0.5% sulfur by weight. The maximum fuel usage rate for each boiler shall not exceed 478,900 gallons per twelve consecutive months.

[Rules 62-210.200, (PTE), F.A.C. and 62-4.160(2), F.A.C., and construction permit 0610021-005-AC]

**B2. Hours of Operation.** The hours of operation for these emissions unit shall not exceed the following hours per twelve consecutive months.

- a. steam boiler no. 1 - 8760 hours
- b. steam boiler no. 2 - 6336 hours
- c. steam boiler no. 3 - 7728 hours

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C. and construction permit 0610021-005-AC]

**Emission Limitations and Standards**

**B3.** Visible emissions from each boiler shall not exceed 20% opacity, except for one two-minute period per hour during which opacity shall not exceed 40%.

[Rule 62-296.406(1), F.A.C.]

**B4.** Emissions of sulfur dioxide (SO<sub>2</sub>) from each boiler shall not exceed 17.0 tons per twelve consecutive months, as requested by the applicant.

[Construction permit 0610021-005-AC]

**B5. BACT Determined by DEP:**

The amount of particulate and sulfur dioxide emissions from each boiler will be limited by the firing of natural gas, propane, or new no. 2 fuel oil only having a sulfur content not to exceed 0.5 percent, by weight. The term "new" means an oil which has been refined from crude oil and has not been used.

[Rule 62-296.406(2)&(3), F.A.C. and construction permit 0610021-005-AC]

**Test Methods and Procedures**

**B6.** Each boiler shall be tested for visible emissions for a 60 minute period annually on, or during the 60 day period prior to January 30. Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. A statement of each units fuel type and heat input rate shall be included with all test reports.

[Rules 62-297.310(7)(a), F.A.C. and 62-4.070(3), F.A.C.]

**B7.** Compliance with the visible emission limitation shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60 Appendix A.

[Rule 62-297, F.A.C.]

**B8.** The permittee shall demonstrate compliance with the liquid fuel sulfur limit by the vendor providing a fuel analysis upon each fuel delivery or on analysis of as-received samples taken at the facility.

[Rules 62-213.440 and 62-296.406(3), F.A.C.]

**B9.** The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using one of ASTM D2622-94, ASTM D4294-90(95), ASTM 1552-95, ASTM D1266-91, or both ASTM D4057-88 and ASTM D129-95 or latest editions.

[Rules 62-213.440, 62-296.406(3), 62-070(3), and 62-297.440, F.A.C.]

**Monitoring of Operations**

**B10. 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.]

**Recordkeeping and Reporting Requirements**

**B11.** In order to demonstrate compliance with conditions no. B1, B2, B4, and B5, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:


Monthly

- a) month
  - fuel type and no. 2 fuel oil sulfur content
- b) consecutive 12 month total of:
  - hours of operation
  - particulate emissions
  - SO2 emissions
  - gallons no. 2 fuel oil fired

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

**B12.** Compliance with the SO2 emission limitation shall be demonstrated by calculations based on keeping of records of the fuel oil sulfur content and fuel oil consumption for each combustion emission unit. Calculation of emissions shall be done each month and on a rolling twelve month total basis and shall be completed no later than 10 days following the end of each month. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.

[Rule 62-4.070(3), F.A.C.]

TO: Howard L. Rhodes  
FROM: Clair H. Fancy   
DATE: June 21, 2002  
SUBJECT: FINAL Permit Revision No.: 0610021-010-AV  
Ocean Spray Cranberries, Inc.  
Vero Beach Facility

This permit is for a revision to the Title V air operation permit for the subject facility. The subject of this permit revision is to incorporate the provisions of permit 0610021-009-AC, which allows sufficient operating hours to process a maximum 6.4 million boxes of fruit per year.

We received no comments on the DRAFT permit.

No comments or objections were received from Region 4, U.S. EPA regarding the PROPOSED permit.

I recommend your signature.

Attachment

CHF/es