



Jeb Bush  
Governor

# Department of Environmental Protection

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

Colleen M. Castille  
Secretary

January 24, 2006

CERTIFIED MAIL – Return Receipt Requested

Mr. Mark Smidebush  
Plant Manager  
Ocean Spray Cranberries, Inc.  
925 74<sup>th</sup> Avenue, Southwest  
Vero Beach, Florida 32968-9702

Re: Title V Air Operation Permit  
PROPOSED Permit No.: 0610021-014-AV  
Vero Beach Facility

Dear Mr. Smidebush:

One copy of the "PROPOSED Determination" for the Title V Air Operation Permit for the Vero Beach Facility located at 925 74th Avenue, Southwest, Vero Beach, Indian River County, is enclosed. This letter is only a courtesy to inform you that the DRAFT Permit has become a PROPOSED Permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

"<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>"

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED Permit is made by the USEPA within 45 days, the PROPOSED permit will become a FINAL Permit no later than 55 days after the date on which the PROPOSED permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED Permit, the FINAL Permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

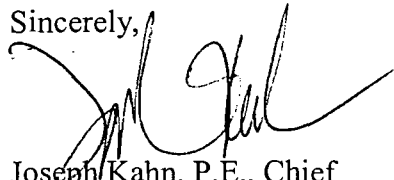
*"More Protection, Less Process"*

*Printed on recycled paper.*

Mr. Mark Smidebush  
January 24, 2006  
Page Two

If you have any questions, please contact Edward J. Svec at 850/921-8985.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Kahn', written over the word 'Sincerely,'.

Joseph Kahn, P.E., Chief  
Bureau of Air Monitoring  
and Mobile Sources

JK/es

Enclosures

copy furnished to:

Douglas Bauman, P.E., Bottorf Associates, Inc.

Len Kozlov, FDEP CD

Barbara Friday, BAR [barbara.friday@dep.state.fl.us] (for posting with Region 4, U.S. EPA)

## **PROPOSED Determination**

PROPOSED Permit No.: 0610021-014-AV

Page 1 of 1

### **I. Public Notice.**

An "INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" to Ocean Spray Cranberries, Inc., for its Vero Beach Facility located at 925 74<sup>th</sup> Avenue, Southwest, Vero Beach, Indian River County was clerked on December 13, 2005. The "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" was published in the Vero Beach Press Journal on December 23, 2005. The DRAFT Title V Air Operation Permit was available for public inspection at the Department's Central District office in Orlando and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" was received on January 9, 2006.

### **II. Public Comment(s).**

No comments were received during the 30 (thirty) day public comment period. Since no comments were received, the DRAFT Permit becomes the PROPOSED Permit.

### **III. Conclusion.**

Since there were no comments received during the Public Notice period, no changes were made to the DRAFT Permit and the permitting authority hereby issues the PROPOSED Permit, No. 0610021-014-AV.

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

Title V Air Operation Permit  
**PROPOSED Permit No.:** 0610021-014-AV

Permitting Authority:  
State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Monitoring and Mobile Sources  
Mail Station #5510  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

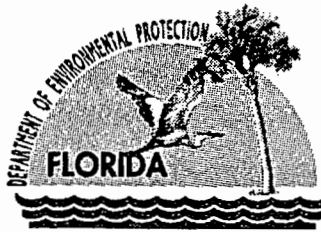
Telephone: 850/488-0114  
Fax: 850/922-6979

Compliance Authority:  
State of Florida  
Department of Environmental Protection  
Central District  
3319 Maguire Boulevard., Suite 232  
Orlando, Florida 32803-3767  
Telephone: 407/894-7555  
Fax: 407/897-5963

Title V Air Operation Permit  
**PROPOSED Permit No.:** 0610021-014-AV

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Jeb Bush  
Governor

# Department of Environmental Protection

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

Colleen M. Castille  
Secretary

**Permittee:**  
Ocean Spray Cranberries, Inc.  
925 74th Avenue, Southwest  
Vero Beach, Florida 32968-9702

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021  
**SIC Nos.:** 20, 2033, 2037, 2048  
**Project:** Title V Air Operation Permit

This permit is for the operation of the 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.

This Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. 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.

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

Appendix U-1, List of Unregulated Emissions Units and/or Activities  
Appendix I-1, List of Insignificant Emissions Units and/or Activities  
APPENDIX TV-5, TITLE V CONDITIONS version dated 03/28/05  
APPENDIX SS-1, STACK SAMPLING FACILITIES version dated 10/07/96  
TABLE 297.310-1, CALIBRATION SCHEDULE version dated 10/07/96

**Effective Date:** [ARMS Day 55]  
**Renewal Application Due Date:** [Month day, year]  
**Expiration Date:** [Month day, year]

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

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Michael G. Cooke, Director  
Division of Air Resource Management

MGC/jk/es

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## **Section I. Facility Information.**

### **Subsection A. Facility Description.**

This facility consists of backup and primary citrus peel dryers (nos. 1 and 2) sharing a single waste heat evaporator; one pellet cooler; 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 Title V permit application received August 29, 2005, 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).**

<u><b>E.U. ID No.</b></u>	<u><b>Brief Description</b></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:

Table 1-1, Summary of Air Pollutant Standards and Terms  
Table 2-1, Summary of Compliance Requirements  
Appendix A-1: Abbreviations, Acronyms, Citations, and Identification Numbers  
Appendix H-1: Permit History/ID Number Changes  
Statement of Basis

These documents are on file with permitting authority:

Title V Permit Application received August 29, 2005  
Additional Information Request dated September 2, 2005  
Additional Information Response received October 5, 2005

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide:

1. APPENDIX TV-5, TITLE V CONDITIONS, is a part of this permit.

{Permitting Note: APPENDIX TV-5, 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. No person shall 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 Chapter 62-297, F.A.C.

[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA).

a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center  
Post Office Box 1515  
Lanham-Seabrook, MD 20703-1515  
Telephone: 301/429-5018

b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2); F.A.C.

[40 CFR 68]

5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.

[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

6. 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.

**“Nothing was deemed necessary and ordered at this time.”**

[Rule 62-296.320(1)(a), F.A.C.; and, Title V permit application received August 29, 2005]



7. Emissions of Unconfined Particulate Matter. Pursuant to Rule 62-296.320(4)(c), F.A.C., and the application, this facility has **no** emissions of unconfined particulate matter (see Condition 57. of APPENDIX TV-5, TITLE V CONDITIONS).

[Rule 62-296.320(4)(c), F.A.C.; and, Title V permit application received August 29, 2005]

8. 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.]

9. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA 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.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C., (see Condition 51. of APPENDIX TV-5, TITLE V CONDITIONS)}

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Central District office.

Department of Environmental Protection  
Central District  
3319 Maguire Boulevard., Suite 232  
Orlando, Florida 32803-3767  
Telephone: 407/894-7555  
Fax: 407/897-5963

11. 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  
Telephone: 404/562-9155, Fax: 404/562-9163

12. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.

[Rule 62-213.420(4), F.A.C.]

13. Initial Compliance Demonstration Required: An emissions unit that is subject to any emission limiting standard shall conduct an initial compliance test that demonstrates compliance with the applicable emission limiting standard within 90 days of start up of such unit.

[Rules 62-4.070(3) and 62-210.300(1)(a), F.A.C.]

14. 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 0610021-013-AC]

**15. VOC Emission Limits and Oil Recovery:** VOC emissions will be limited by achieving by a 65 percent recovery of oil from citrus fruits processed each calendar year. Compliance with the emission limit for VOC shall be demonstrated by calculating the compliance indicator, as follows. All measured quantities of oil used in Equations 1 and 2 shall be in units of tons and the total results of the selected equation shall reflect the sum total for the entire calendar year.

1. The facility may use either Equation 1 or 2 to demonstrate compliance, provided that the facility has maintained the necessary records to use that equation. In the case of Equation 2, all recovered oil must be actually measured and all emitted volatilized oil must be treated as emissions and not as reductions of peel oil. If the result of selected equation is positive or zero, the facility is in compliance with the VOC emission limit. If the result of the selected equation is negative, the facility is in violation of the VOC emission limit. The facility may use either equation to demonstrate compliance, even if the other equation results in a negative compliance indicator.

2. Facilities may accept wet peel from, or send wet peel to another facility for further processing and drying, provided that each facility involved receives or provides, respectively, sufficient recorded information to account for the recovery of oil from such peel, including oil in products and by-products at the receiving facility. A facility that sends wet peel offsite for any purpose shall not include the related oil in products and by-products in its oil recovery calculations. Such oil shall be included in the oil recovery calculations of the receiving facility. In any case, oil in products and by-products related to peel that is not processed through a peel dryer shall be excluded from all oil recovery calculations.

Equation 1:

$$\text{Compliance Indicator} = \text{OIF}(1 - K1) - \text{OPP} + \text{ODP}$$

Equation 2:

$$\text{Compliance Indicator} = \text{OJ} + \text{CPO} + \text{EO} + \text{DL} + \text{ODP} - K1(\text{OIF})$$

Where:

$$K1 = 0.65.$$

And the following are all in units of tons:

OIF = Oil in Incoming Fruit

ODP = Oil in Dried Pellets

OPP = Oil in Pressed Peel

OJ = Oil in Juice

CPO = Cold Press Oil

EO = Essence Oil

DL = d-limonene

Fruit and by-product oil quantities, required for equations 1 and 2, as applicable, shall be measured daily. All peel oil recovery at a facility shall be determined using the same methodology at all times during each processing year. The following sampling and analytical methods shall be used for determining oil contents of fruit, pressed peel, dried peel and pellets: The sampling and analytical method for determining oil content in incoming whole fruit is the method documented in "FMC FoodTech Citrus Systems Division, Procedures for Analysis of Citrus Products, Chapter VI, Procedure 1. Whole Fruit Available Oil, FMC Technologies Inc., Lakeland, FL, pp. 119 to 123, (effective August 16, 2002)" hereby adopted by reference; the analytical method for determining oil content is the Scott Method (Bromate Titration Method) as documented in "FMC FoodTech Citrus Systems Division, Procedures for Analysis of Citrus Products, Chapter IV, Procedure 10. Recoverable

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

Oil (Scott Method), FMC Technologies Inc., Lakeland, FL, pp. 40 to 44, (effective August 16, 2002)" hereby adopted by reference; the methods for sampling, sample preparation and analytical calculations for peel residue, press cake, and pellets are those documented in "Braddock, R. J. (1999), Handbook of Citrus By-Products and Processing Technology, Section 12.3.1.2 Analysis, John Wiley & Sons, NY, pp. 180 to 181," hereby adopted by reference. Copies of these documents may be obtained by contacting the Division of Air Resource Management at 2600 Blair Stone Road, Mail Station 5500, Tallahassee, FL 32399-2400.  
[0610021-013-AC]

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

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

<b><u>E.U. ID No.</u></b>	<b><u>Brief Description</u></b>
-004	Citrus Peel Dryer No. 1
-006	Citrus Peel Dryer No. 2

Citrus Peel Dryer No. 1 has a maximum heat input of 50.0 million Btu per hour and began operation in 1976. Citrus Peel Dryer No. 2, Model Number 9040 Manufactured by GUMACO with a maximum heat input of 70.0 million Btu per hour, began operation in 1997. The two citrus peel dryers share a common waste heat evaporator. The capacity of this waste heat evaporator and the capacity of the downstream pellet cooler limit the capacity of the dryers to approximately 27.0 tons of wet peel per hour.

Citrus Peel Dryer No. 2 is the primary dryer for the facility and Citrus Peel Dryer No. 1 is the backup peel dryer for the facility. Citrus Peel Dryer No. 1 will only be operated if Citrus Peel Dryer No. 2 is inoperable. Because of the constraints due to the capacities of the waste heat evaporator and the pellet cooler, Citrus Peel Dryer No. 1 and Citrus Peel Dryer No. 2 cannot operate simultaneously.

{Permitting note(s): These emissions units are regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0610021-013-AC.}

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

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

**A.1. Permitted Capacity.** The maximum heat input rate shall not exceed:

- a. 50.0 million Btu per hour, heat input, for Citrus Peel Dryer No. 1.
- b. 70.0 million Btu per hour, heat input, for Citrus Peel Dryer No. 2.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

**A.2. Methods of Operation - (i.e., Fuels).** Only natural gas; or, No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight, shall be fired in these units.

[Rule 62-213.410, F.A.C.; and, 0610021-013-AC]

**A.3. Methods of Operation.** Citrus Peel Dryer No. 1 and Citrus Peel Dryer No. 2 shall not operate simultaneously.

[Rule 62-213.410, F.A.C.; and, 0610021-013-AC]

**A.4. Hours of Operation.** These emissions units are allowed to operate, as necessary, to process 6.4 million boxes of citrus fruit in any consecutive 12 month period.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

{Permitting note: For emission calculations, the hours of operation for these emissions units are estimated not to exceed a total of 3,737 hours per year.}

### **Emission Limitations and Standards**

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions A.5. - A.7. are based on the specified averaging time of the applicable test method.}

**A.5. PM/PM<sub>10</sub>.** PM/PM<sub>10</sub> emissions shall not exceed 15.0 pounds per hour.  
[0610021-013-AC]

**A.6. Sulfur Dioxide.** Sulfur dioxide shall be limited by firing either natural gas; or, No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight. Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. See specific condition A.12. and A.13.  
[0610021-013-AC]

**A.7. Visible Emissions.** Visible emissions shall not exceed 20 percent opacity.  
[0610021-013-AC]

### **Excess Emissions**

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

**A.8.** 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.]

**A.9.** 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.]

### **Test Methods and Procedures**

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**A.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 the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standard.

[Rule 62-297.310(1), F.A.C.]

**A.11. PM/PM<sub>10</sub>.** The test method for PM/PM<sub>10</sub> shall be EPA Method 5, incorporated in Chapter 62-297, F.A.C.

[Rules 62-213.440 and 62-297.401, F.A.C.]

**A.12. Sulfur Dioxide.** The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee upon each fuel delivery. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device.

[0610021-013-AC]

**A.13. Fuel Sulfur Content.** The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition.

[Rules 62-213.440 and 62-297.440, F.A.C.]

**A.14. Visible emissions.** The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.

[Rules 62-213.440 and 62-297.401, F.A.C.]

**A.15. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions 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.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

**A.16. Calculation of Emission Rate.** 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.]

**A.17. Applicable Test Procedures.**

(a) Required Sampling Time.

1. 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.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.
- (b) **Minimum Sample Volume.** Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
- (c) **Required Flow Rate Range.** For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) **Calibration of Sampling Equipment.** Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1. See attachment **TABLE 297.310-1, CALIBRATION SCHEDULE.**
- (e) **Allowed Modification to EPA Method 5.** When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.  
[Rule 62-297.310(4), F.A.C.]

**A.18. Stack Sampling Facilities Provided by the Owner of an Emissions Unit.** See attachment **APPENDIX SS-1, STACK SAMPLING FACILITIES.**  
[Rule 62-297.310(6), F.A.C.]

**A.19. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) **General Compliance Testing.**

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;

9. 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.

(b) **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 may 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.

(c) **Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such

emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.  
[Rule 62-297.310(7), F.A.C.; and, SIP approved]

### **Monitoring of Operations**

#### **A.20. 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 percent of its true value.

[Rule 62-297.310(5), F.A.C.]

### **Recordkeeping and Reporting Requirements**

**A.21. Excess Emissions Reporting.** In case of excess emissions resulting from malfunctions, each owner or operator 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.]

#### **A.22. Test Reports.**

(a) 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.

(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.

(c) 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 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.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

**A.23.** In order to provide information to document compliance with the fuel heat input rate limitations of Specific Condition A.1., the permittee shall monitor and maintain daily record logs of the amount of each fuel used and the hours of operation. The logs shall be maintained on file and shall be made available to the Department upon request.

[0610021-013-AC]

**A.24.** All recorded data shall be maintained on file by the Source for a period of five years.

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

### **Best Management Practices**

**A.25. Best Management Practices for Carbon Monoxide:** Each facility shall operate its citrus peel dryers in accordance with the manufacturer's operating manual, or recommended operating practices provided by the manufacturer, equipment vendor, or a professional engineer registered in Florida, as well as with the practices described in this paragraph. Each facility shall report to the Department any failure to follow these practices, and shall make such report in writing within 7 days from discovery of such failure. Records and copies of reports shall be maintained on site for a period of five years and shall be made available to the Department upon request. Each facility shall:

1. Train dryer operators to perform the operating practices of this paragraph using the manuals and plans described, and allow only trained employees to operate dryers;
2. Maintain a written plan with operating procedures for startup, shutdown and malfunction of the equipment, and follow that plan during these events;
3. Operate and maintain the burner and burner controls to maintain a proper air to fuel ratio;
4. Visually check the flame characteristics once per operating shift;
5. Monitor the moisture content of the dried peel exiting the dryer on a daily basis, and maintain that moisture content greater than six percent by weight at all times during operation;

6. Make burner and burner control adjustments on an annual basis, or more frequently as required by visual checks;
7. Perform an inspection of combustion equipment as prescribed by the equipment manufacturer or registered professional engineer, but no less often than annually, and replace parts that are worn or improperly operating;
8. Keep records of combustion operations that document the operating practices described in this paragraph, such documentation shall include a manual, which can be the manufacturer's operation manual, and daily logs; and
9. Document maintenance performed on equipment, and all normal processing equipment and operating practices changes.

[0610021-013-AC]

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

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

<u>E.U. ID No.</u>	<u>Brief Description</u>
-005	Pellet Cooler

The Pellet Cooler is a Series CC model manufactured by C. P. M. Company. The emissions unit has a maximum throughput rate of 13.8 tons per hour from the citrus peel dryer and is equipped with a cyclone manufactured by Sprout Bauer.

{Permitting note(s): This emissions unit is regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0610021-013-AC.}

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

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

**B.1. Permitted Capacity.** The capacity of the pellet cooler is determined by the capacity of the operating citrus peel dryer.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

{Permitting note: The pellet cooler input is equal to the output of dried peel from the peel dryer.}

**B.2. Hours of Operation.** This emissions unit is allowed to operate, as necessary, to process 6.4 million boxes of citrus fruit in any consecutive 12 month period.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

{Permitting note: For emission calculations, the hours of operation for these emissions units are estimated not to exceed a total of 3,737 hours per year.}

##### Emission Limitations and Standards

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions **B.3.** - **B.4.** are based on the specified averaging time of the applicable test method.}

**B.3. PM/PM<sub>10</sub>.** PM/PM<sub>10</sub> emissions shall not exceed 5.0 pounds per hour.

[0610021-013-AC]

**B.4. Visible Emissions.** Visible emissions shall not exceed 5 percent opacity.

[0610021-013-AC]

### **Excess Emissions**

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

**B.5.** 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.]

**B.6.** 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.]

### **Test Methods and Procedures**

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**B.7. 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 the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standard.

[Rule 62-297.310(1), F.A.C.]

**B.8. PM/PM10.** Tests for particulate matter and particulate matter of 10 microns or less may be conducted using United States Environmental Protection Agency Method 5, provided that all measured particulate matter is assumed to be particulate matter of 10 microns or less. Tests for compliance with the particulate matter emission limit, for the pellet cooler or cooling reel are waived as long as the facility complies with the visible emissions limitation. If any visible emissions test for the pellet cooler or cooling reel does not demonstrate compliance with the visible emissions limitation, the emissions unit shall be tested for compliance with the particulate matter emission limit within 30 days after the visible emissions test.

[0610021-013-AC.]

**B.9. Visible emissions.** The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.

[Rules 62-213.440 and 62-297.401, F.A.C.]

**B.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 the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

**B.11. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions 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.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

**B.12. Calculation of Emission Rate.** 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.]

**B.13. Applicable Test Procedures.**

(a) Required Sampling Time.

1. 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.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) **Calibration of Sampling Equipment.** Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1. See attachment **TABLE 297.310-1, CALIBRATION SCHEDULE.**

(e) **Allowed Modification to EPA Method 5.** When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

**B.14. Stack Sampling Facilities Provided by the Owner of an Emissions Unit.** See attachment **APPENDIX SS-1, STACK SAMPLING FACILITIES.**

[Rule 62-297.310(6), F.A.C.]

**B.15. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) **General Compliance Testing.**

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

a. Did not operate.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

a. Visible emissions, if there is an applicable standard.

9. 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.

(b) **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 may 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.

(c) **Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

## **Monitoring of Operations**

**B.16. 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 percent of its true value.  
[Rule 62-297.310(5), F.A.C.]

### **Recordkeeping and Reporting Requirements**

**B.14. Excess Emissions Reporting**. In case of excess emissions resulting from malfunctions, each owner or operator 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.]

### **B.15. Test Reports**

- (a) 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.
- (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.
- (c) 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 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.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

**B.16.** All recorded data shall be maintained on file by the Source for a period of five years.

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



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

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

<u>E.U. ID No.</u>	<u>Brief Description</u>
-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, with a maximum heat input rate of 16.0 million Btu per hour.

Steam Boiler No. 2 is a Johnston, Model 534, with a maximum heat input rate of 22.0 million Btu per hour.

Steam Boiler No. 3 is a Johnston, Model 530, with a maximum heat input rate of 20.0 million Btu per hour.

{Permitting note(s): The emissions 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 Emissions Units.}

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

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

**C.1. Permitted Capacity.** The capacity of these emissions units shall not exceed:

- a. 16.0 million Btu per hour, heat input, for Steam Boiler No. 1.
- b. 22.0 million Btu per hour, heat input, for Steam Boiler No. 2.
- c. 20.0 million Btu per hour, heat input, for Steam Boiler No. 3.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

**C.2. Methods of Operation - (i.e., Fuels).** Only natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight, shall be fired in these units.

[Rule 62-213.410, F.A.C.; and, 0610021-013-AC]

**C.3. Hours of Operation.** These emissions units are allowed to operate continuously, i.e., 8,760 hours per year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0610021-013-AC]

### **Emission Limitations and Standards**

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions C.4. - C.6., are based on the specified averaging time of the applicable test method.}

**C.4. Particulate Matter.** Particulate matter shall be limited by firing either natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight.  
[Rule 62-296.406(2), F.A.C.; and, 0610021-013-AC]

**C.5. Sulfur Dioxide.** Sulfur dioxide shall be limited by firing either natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight. Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. See specific conditions C.11. and C.12.  
[Rule 62-296.406(2), F.A.C.; and, 0610021-013-AC]

**C.6. Visible Emissions.** Visible emissions shall not exceed 20 percent opacity except for one six-minute period per hour during which opacity shall not exceed 27 percent.  
[Rule 62-296.406(1), F.A.C.; and, 0610021-013-AC]

### **Excess Emissions**

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

**C.7.** Excess emissions resulting from 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.]

**C.8.** Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.  
[Rule 62-210.700(2), F.A.C.]

**C.9.** 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.]

### **Test Methods and Procedures**

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**C.10. Particulate Matter.** Compliance with the particulate matter standard is demonstrated by firing only natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight.  
[0610021-013-AC]

**C.11. Sulfur Dioxide.** The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee upon each fuel delivery. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device.  
[Rule 62-296.406(3), F.A.C.]

**C.12. Fuel Sulfur Content.** The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition.  
[Rules 62-213.440 and 62-297.440, F.A.C.]

**C.13. Visible emissions.** The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.  
[0610021-013-AC]

**C.14. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions 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.  
[Rules 62-297.310(2) & (2)(b), F.A.C.]

**C.15. Applicable Test Procedures.**

(a) **Required Sampling Time.**

2. **Opacity Compliance Tests.** When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4), F.A.C.]

**C.16. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) **General Compliance Testing.**

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual

compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

a. Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

a. Visible emissions, if there is an applicable standard;

9. 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.

(b) 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 may 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.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

## **Monitoring of Operations**

### **C.17. 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 percent of its true value.

[Rule 62-297.310(5), F.A.C.]

## **Recordkeeping and Reporting Requirements**

**C.18. Excess Emissions Reporting.** In case of excess emissions resulting from malfunctions, each owner or operator 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.]

**C.19. Fuel Sulfur Content Records.** The permittee shall keep records of all fuel analysis provided by the vendor or the permittee verifying the liquid fuel sulfur content upon each fuel delivery.  
[Rule 62-296.406(3), F.A.C.]

**C.20.** In order to provide information to document compliance with the fuel heat input rate limitations of Specific Condition C.1., the permittee shall monitor and maintain daily record logs of the amount of each fuel used and the hours of operation. The logs shall be maintained on file and shall be made available to the Department upon request.  
[0610021-013-AC]

**C.21.** All recorded data shall be maintained on file by the Source for a period of five years.  
[Rule 62-213.440, F.A.C.]

**C.22. Test Reports.**

(a) 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.

(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.

(c) 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 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.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

### **Best Management Practices**

**C.23. Best Management Practices for Carbon Monoxide.** Each facility shall operate its boilers in accordance with the manufacturer's operating manual, or recommended operating practices provided by the manufacturer, equipment vendor, or a professional engineer registered in Florida, as well as with the practices described in this paragraph. Each facility shall report to the Department any failure to follow these practices, and shall make such report in writing within 7 days from discovery of such failure. Records and copies of reports shall be maintained on site for a period of five years and shall be made available to the Department upon request. Each facility shall:

1. Train boiler operators to perform the operating practices of this paragraph using the manuals and plans described, and allow only trained employees to operate boilers;
2. Maintain a written plan with operating procedures for startup, shutdown and malfunction of the equipment, and follow that plan during these events;
3. Operate and maintain the burner and burner controls to maintain a proper air to fuel ratio;
4. Visually check the flame characteristics once per operating shift;
5. Make burner and burner control adjustments on an annual basis, or more frequently as required by visual checks;
6. Perform an inspection of combustion equipment as prescribed by the equipment manufacturer or registered professional engineer, but no less often than annually, and replace parts that are worn or improperly operating;
7. Keep records of combustion operations that document the operating practices described in this paragraph, such documentation shall include a manual, which can be the manufacturer's operation manual, and daily logs; and
8. Document maintenance performed on equipment, and all normal processing equipment and operating practices changes.

[0610021-013-AC]

## STATEMENT OF BASIS

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

Title V Air Operation Permit  
**PROPOSED Permit No.:** 0610021-014-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. 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.

This facility consists of backup and primary citrus peel dryers (nos. 1 and 2) sharing a single waste heat evaporator; one pellet cooler; and, three steam boilers (nos. 1, 2, and 3).

Citrus Peel Dryer No. 1 has a maximum heat input of 50.0 million Btu per hour and began operation in 1976. Citrus Peel Dryer No. 2, Model Number 9040 Manufactured by GUMACO with a maximum heat input of 70.0 million Btu per hour, began operation in 1997. The two citrus peel dryers share a common waste heat evaporator. The capacity of this waste heat evaporator and the capacity of the downstream pellet cooler limit the capacity of the dryers to approximately 27.0 tons of wet peel per hour. CAM does not apply.

Citrus Peel Dryer No. 2 is the primary dryer for the facility and Citrus Peel Dryer No. 1 is the backup peel dryer for the facility. Citrus Peel Dryer No. 1 will only be operated if Citrus Peel Dryer No. 2 is inoperable. Because of the constraints due to the capacities of the waste heat evaporator and the pellet cooler, Citrus Peel Dryer No. 1 and Citrus Peel Dryer No. 2 cannot operate simultaneously. CAM does not apply.

The Pellet Cooler is a Series CC model manufactured by C. P. M. Company. The emissions unit has a maximum throughput rate of 13.8 tons per hour from the citrus peel dryer and is equipped with a cyclone manufactured by Sprout Bauer. CAM does not apply.

Steam Boiler No. 1 is a Cleaver Brooks, Model CB500, with a maximum heat input rate of 16.0 million Btu per hour. The boiler is fueled with natural gas or No. 2 distillate fuel oil with a maximum of 0.10 percent sulfur, by weight. CAM does not apply.

Steam Boiler No. 2 is a Johnston, Model 534, with a maximum heat input rate of 22.0 million Btu per hour. The boiler is fueled with natural gas or No. 2 distillate fuel oil with a maximum of 0.10 percent sulfur, by weight. CAM does not apply.

Steam Boiler No. 3 is a Johnston, Model 530, with a maximum heat input rate of 20.0 million Btu per hour. The boiler is fueled with natural gas or No. 2 distillate fuel oil with a maximum of 0.10 percent sulfur, by weight. CAM does not apply.

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

Based on the Title V permit application received August 29, 2005, this facility is not a major source of hazardous air pollutants (HAPs).

**Table 1-1, Summary of Air Pollutant Standards and Terms**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
[-004]	Citrus Peel Dryer No. 1
[-006]	Citrus Peel Dryer No. 2

Pollutant	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
PM/PM10 [EU-004]	All	Time to process 6.4 MM boxes		15.0			28.0	0610021-013-AC	A.3. & A.5.
PM/PM10 [EU-006]	All	Time to process 6.4 MM boxes		15.0			28.0	0610021-013-AC	A.3. & A.5.
SO <sub>2</sub> [EU-004]	Liquid	Time to process 6.4 MM boxes	0.10% by weight sulfur			5.0	9.4	0610021-013-AC	A.3. & A.6.
SO <sub>2</sub> [EU-006]	Liquid	Time to process 6.4 MM boxes	0.10% by weight sulfur			7.1	13.3	0610021-013-AC	A.3. & A.6.
VE [EU-004]	All	Time to process 6.4 MM boxes	<20% opacity					0610021-013-AC	A.3. & A.7.
VE [EU-006]	All	Time to process 6.4 MM boxes	<20% opacity					0610021-013-AC	A.3. & A.7.

Notes:  
\* The "Equivalent Emissions" listed are for informational purposes only.

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**Table 1-1, Summary of Air Pollutant Standards and Terms**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**            **Brief Description**  
[-005]                   Pellet Cooler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
PM/PM10	All	Time to process 6.4 MM boxes		5.0			9.3	10610021-013-AC	B.3.
VE	All	Time to process 6.4 MM boxes	5%					0610021-013-AC	B.4.

Notes:  
\* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 06100211.xls]

**Table 1-1, Summary of Air Pollutant Standards and Terms**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

<b>E.U. ID No.</b>	<b>Brief Description</b>
[-002]	Boiler No. 1
[-003]	Boiler No. 2
[-001]	Boiler No. 3

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs/hour	TPY		
SO <sub>2</sub> [EU -002]	Liquid	8,760	0.10% by weight sulfur			1.6	7.2	0610021-013-AC	C.5.
SO <sub>2</sub> [EU -003]	Liquid	8,760	0.10% by weight sulfur			2.2	9.6	0610021-013-AC	C.5.
SO <sub>2</sub> [EU -001]	Liquid	8,760	0.10% by weight sulfur			2.0	8.8	0610021-013-AC	C.5.
VE [EU-002]	All	8,760	20% except 27% 6 min/hr					Rule 62-296.406(1)	C.6.
VE [EU -003]	All	8,760	20% except 27% 6 min/hr					Rule 62-296.406(1)	C.6.
VE [EU -001]	All	8,760	20% except 27% 6 min/hr					Rule 62-296.406(1)	C.6.

Notes:  
\* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 06100211.xls]

**Table 2-1, Summary of Compliance Requirements**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

<b>E.U. ID No.</b>	<b>Brief Description</b>
[-004]	Citrus Peel Dryer No. 1
[-006]	Citrus Peel Dryer No. 2

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
PM/PM10	All	EPA Method 5	Renewal		3 - 1 hr runs		A.11.
SO <sub>2</sub>	Liquid	ASTM Methods	Each Delivery				A.6.; A.12.; and, A.13.

Notes:  
 \* The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C.  
 \*\*CMS [=] continuous monitoring system

[electronic file name: 06100212.xls]

**Table 2-1, Summary of Compliance Requirements**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**                      **Brief Description**  
[-005]                                  Pellet Cooler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	See permit condition(s)	
						CMS**	
VE	N/A	EPA Method 9	Annual		30 min		B.9.
PM/PM10	N/A	EPA Method 5	if opacity > 5%		3 - 1 hr runs		B.8.

Notes:  
 \* The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C.  
 \*\*CMS [=] continuous monitoring system

[electronic file name: 06100212.xls]

**Table 2-1, Summary of Compliance Requirements**

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
[-002]	Boiler No. 1
[-003]	Boiler No. 2
[-001]	Boiler No. 3

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
SO <sub>2</sub>	Liquid	ASTM Methods	each delivery				C.5.; C.11.; and, C.12.

Notes:

\* The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C.

\*\*CMS [=] continuous monitoring system

[electronic file name: 06100212.xls]

## Appendix H-1: Permit History

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type <sup>1</sup>
All	Facility	0610021-012-AG	07/01/2004	07/15/2005	Citrus Statute
All	Facility	0610021-013-AC	01/11/2006	01/10/2011	Construction (repermitting)
All	Facility	0610021-014-AV	Pending	Pending	New (repermitting)

<sup>1</sup> Project Type (select one): Title V: Initial, Revision, Renewal, or Admin. Correction; Construction (new or mod.); or, Extension (AC only).

## Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Ocean Spray Cranberries, Inc.  
Vero Beach Facility

**PROPOSED Permit No.:** 0610021-014-AV  
**Facility ID No.:** 0610021

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The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

### Brief Description of Emissions Units and/or Activities

1. 1 ea. 550 gallon gasoline tank
2. 1 ea. 1,000 gallon diesel tank
3. 1 ea. 7,700 gallon d-limonene tank
4. 3 ea. 350 gallon water/d-limonene process tank
5. 3 ea. 20,000 gallon diesel tank
6. 2 ea. 65 gallon peel oil process tank
7. 2 ea. 40 gallon peel oil process tank
8. 1 ea. 95 gallon peel oil process tank
9. 1 ea. 850 gallon peel oil process tank
10. 2 ea. 350 gallon aroma process tank
11. 1 ea. 18,000 gallon aroma tank
12. 4 ea. 7,300 gallon peel oil tank
13. Pellet load-out station
14. Lime storage silo w/ wet impingement
15. Various weak acid tanks
16. Various weak caustic tanks
17. Fourteen juice extractors
18. Waste water treatment plant
19. 520 kw emergency generator

**Friday, Barbara**

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**To:** Kozlov, Leonard; info@bottorf.com  
**Cc:** Svec, Ed  
**Subject:** PROPOSED Title V Permit No.: 0610021-014-AV - Ocean Spray Cranberries, Inc.  
**Attachments:** 0610021-014-AV-P.zip

Attached for your records is a zip file for the subject PROPOSED Title V Permit.

If I may be of further assistance, please feel free to contact me.

Barbara J. Friday  
Planner II  
Bureau of Air Regulation  
(850)921-9524  
[Barbara.Friday@dep.state.fl.us](mailto:Barbara.Friday@dep.state.fl.us)



## Friday, Barbara

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**From:** System Administrator  
**To:** Kozlov, Leonard  
**Sent:** Wednesday, January 25, 2006 9:47 AM  
**Subject:** Delivered:PROPOSED Title V Permit No.: 0610021-014-AV - Ocean Spray Cranberries, Inc.

Your message

**To:** Kozlov, Leonard; 'info@bottorf.com'  
**Cc:** Svec, Ed  
**Subject:** PROPOSED Title V Permit No.: 0610021-014-AV - Ocean Spray Cranberries, Inc.  
**Sent:** 1/25/2006 9:46 AM

was delivered to the following recipient(s):

Kozlov, Leonard on 1/25/2006 9:46 AM

## Friday, Barbara

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**From:** Exchange Administrator  
**Sent:** Wednesday, January 25, 2006 9:47 AM  
**To:** Friday, Barbara  
**Subject:** Delivery Status Notification (Relay)

**Attachments:** ATT435243.txt; PROPOSED Title V Permit No.: 0610021-014-AV - Ocean Spray Cranberries, Inc.



ATT435243.txt (283 B) PROPOSED Title V Permit No.: ...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

info@bottorf.com