


Florida's FINAL Permit Electronic Notification Cover Memorandum

TO: Gracy Danois, U.S. EPA Region 4
CC: Jeananne Gettle, U.S. EPA Region 4
THRU: Scott M. Sheplak, ^{gB}P.E., Bureau of Air Regulation
FROM: Edward J. Svec, Permit Engineer 
DATE: 11/21/02
RE: U.S. EPA Region 4 FINAL Title V Operation Permit Revision Review

The following FINAL Title V operation permit(s) and associated documents have been posted on the DEP World Wide Web Internet site. Any comments resulting from your review of the PROPOSED permit have been incorporated into this FINAL permit as requested. This message is only a courtesy to let you know that the subject permit is now FINAL and has been issued to the applicant.

<u>Applicant Name</u>	<u>County</u>	<u>Method of Transmittal</u>	<u>Electronic File Name(s)</u>
Peace River Citrus	Polk	INTERNET	1050045Rf.zip
Peace River Citrus			

This zipped file contains the following electronic files:

sob.doc
1050045Rf.doc
10500451.doc
10500452.doc
1050045g.doc
1050045h.doc

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

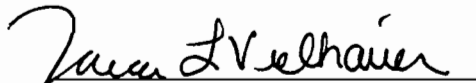
Mr. Bart Plymale
Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265

FINAL Permit Revision No.: 1050045-007-AV
Peace River Cold Storage Facility

Enclosed is FINAL Permit Revision Number 1050045-007-AV for the operation of the Peace River Cold Storage Facility located at 2020 U.S. Highway 17 South, Bartow, Polk 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.



Trina Vielhauer
Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 11/21/02 to the person(s) listed or as otherwise noted:

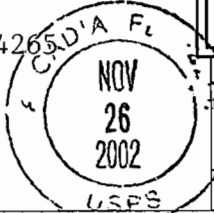
Bart Plymale, Vice President, Peace River Citrus Products, Inc. *
Wayne Griffin, P.E., G2 Services, Ltd.
Gerald Kissel, P.E., SWD
USEPA, Region 4 (INTERNET E-mail Memorandum)

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. Friday 11/21/02
(Clerk) (Date)

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Received by (Please Print Clearly) _____ B. Date of Delivery _____ C. Signature <u>X</u> <i>Bog Taylor</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	
1. Article Addressed to: Mr. Bart Plymale Peace River Citrus Products, Inc. Post Office Box 730 Arcadia, Florida 34265		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	
2. Article Number (Copy from service label) 7000 0600 0021 6524 2670			



7000 0600 0021 6524 2670

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
Article Sent To: Mr. Bart Plymale	
Postage \$	Postmark Here
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees \$	
Name (Please Print Clearly) (to be completed by mailer) Mr. Bart Plymale Street, Apt. No., or PO Box No. Post Office Box 730 City, State, ZIP+4 Arcadia, Florida 34265	
PS Form 3800, July 1999 See Reverse for Instructions	

FINAL PERMIT DETERMINATION

FINAL Permit No.: 1050045-007-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.

STATEMENT OF BASIS

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility
Facility ID No.: 1050045
Polk County

Title V Air Operation Permit Revision
FINAL Permit Project No.: 1050045-007-AV
Revision to Title V Air Operation Permit No.: 1050045-004-AV

The initial Title V Air Operation Permit, No. 1050045-004-AV, was issued/effective on April 11, 2000. 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 and 62-213. 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.

The subject of this permit revision is to incorporate the terms and conditions of air construction permit, No. 1050045-006-AC, for two 1,000 horsepower Johnson boilers at the Peace River Cold Storage Facility. This is a concurrently processed air construction and Title V permit revision project, so a compliance plan is included.

The emissions units addressed in this revision are process steam boilers that are installed to serve as a source of steam to meet citrus processing needs. Each boiler is limited to one of a physical capacity of 41.63 MMBtu/hour, and will fire natural gas, only. These 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; and, NSPS - 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800, F.A.C. The permit section addressing these emissions units is the previously reserved Section III, Subsection A.

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

Based on the initial Title V Air Operation Permit application received June 14, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

Peace River Citrus Products, Inc.

Peace River Cold Storage Facility

Facility ID No.: 1050045

Polk County

Title V Air Operation Permit Revision

FINAL Permit No.: 1050045-007-AV

Revision to Title V Air Operation Permit No.: 1050045-004-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: 850/488-0114

Fax: 850/922-6979

Compliance Authority:

Florida Department of Environmental Protection

Southwest District

3804 Coconut Palm Drive

Tampa, Florida 33619

Telephone: 813/744-6100

Fax: 813/744-6458

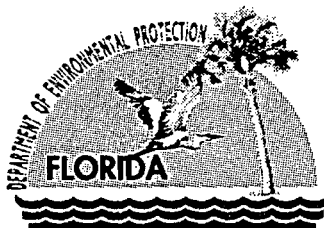
Title V Air Operation Permit Revision

FINAL Permit No.: 1050045-007-AV

Revision to Title V Air Operation Permit No.: 1050045-004-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:

Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265

FINAL Permit No.: 1050045-007-AV

Facility ID No.: 1050045

SIC Nos.: 20, 2033, 2037, 2048

Project: Title V Air Operation Permit Revision

This permit revision is being issued for the purpose of incorporating the terms and conditions of air construction permit, No. 1050045-006-AC, for two 1,000 horsepower Johnson boilers at the Peace River Cold Storage Facility. This facility is located at 2020 U.S. Highway 17 South, Bartow, Polk County; UTM Coordinates: Zone 17, 418.7 km East and 3083.6 km North; Latitude: 27° 52' 35" North and Longitude: 81° 49' 33" West.

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 and 62-213. 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 TV-4, TITLE V CONDITIONS (version dated 02/12/02)
APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/7/96)
TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/7/96)

Effective Date: April 11, 2000

Revision Effective Date: November 7, 2002

Renewal Application Due Date: October 11, 2004

Expiration Date: April 11, 2005

Howard L. Rhodes, Director
Division of Air Resource Management

HLR/es

"More Protection, Less Process"

Printed on recycled paper.

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two citrus peel dryers, one citrus peel pellet cooler, two 1,000 horsepower boilers, and process equipment (which includes fruit washers, oil and juice extraction equipment, cooling towers, fruit and peel conveyance equipment and peel storage).

The facility is a Title V facility, since it has the potential to emit 100 tons per year or more of volatile organic compounds (VOC). The facility is also considered a PSD major facility, since the facility has the potential to emit 250 tons per year or more of VOCs. This permit contains no emission limit for VOCs, since there is no applicable standard.

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

Based on the initial Title V permit application received June 14, 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.

<u>ID No.</u>	<u>Brief Description</u>
-010	1,000 Horsepower Johnson Boiler #1
-011	1,000 Horsepower Johnson Boiler #2
-006	Two Citrus Peel Dryers
-007	Citrus Peel Pellet Cooler

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 informational 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

Statement of Basis

These documents are on file with permitting authority:

Initial Title V Air Operation Permit issued April 11, 2000

Application for a Title V Air Operation Permit Revision received June 25, 2002

Subsection D. Miscellaneous.

The use of 'Permitting Notes' throughout this permit are for informational purposes only and are not permit conditions.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a 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).
[Rule 62-296.320(4)(b)1., 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 3346
Merrifield, VA 22116-3346
Telephone: 703/816-4434
 - and,
 - 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. 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.

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

7. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: application of water to paved and unpaved areas accommodating vehicular traffic if a visible particulate plume is observed to extend more than 15 feet from the point of origin; removal of particulate matter from buildings or work areas to prevent a visible particulate plume of unconfined particulates from being visible more than 15 feet from the point of origin; and enclosure or covering of conveyor systems where necessary to prevent unconfined particulate emissions from being visible more than 15 feet from the point of origin.

[Rule 62-296.320(4)(c)2., F.A.C.; and, applicant's request in initial Title V permit application received on June 14, 1996]

{Permitting Note: This condition implements the requirements of Rules 62-296.320(4)(c)1., 3., & 4., F.A.C. (see Condition No. 57. of APPENDIX TV-4, TITLE V CONDITIONS)}

8. 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 cannot vary any requirement of an applicable NSPS or NESHAP provision.}

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.]

10. 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

11. 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.]

12. 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*, and 40 CFR 60, Appendix A.

[Rule 62-297.401, F.A.C.]

13. 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.]

14. 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. In no case shall the process or production rate exceed the maximum permitted process or production rate. The actual process or production rate during the test shall be included in each test report. Failure to include the actual process or production rate in the results may invalidate the test. In addition, the test results shall include any operating parameters limited or specified to be recorded in this permit, e.g., scrubber flow rate.

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

15. If the Department of Environmental Protection has reason to believe that any applicable emission standard is being violated, then the Department of Environmental Protection may require the permittee to conduct compliance tests, which identify the nature and quantity of pollutant emissions and to provide a report on the results of the tests.

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

Recordkeeping and Reporting Requirements

16. The permittee shall notify the Air Compliance Section of the Southwest 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 Southwest District Office of the Department each calendar year, on or before March 1, a completed DEP Form 62-210.900 (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.

If a spray field is associated with this facility, VOC emissions from the spray field shall be included in the AOR. The annual "Statement of Compliance" (ref. Appendix TV-4, item 51) shall be submitted with the AOR.

[Rule 62-210.370(3), F.A.C. (ref. Appendix TV-4, item 24)]

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 Southwest 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.

Failure to submit the rates and actual operating conditions in the test report may invalidate the test and fail to provide reasonable assurance of compliance.

[Rules 62-297.310(8) 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), 12(14)(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 the Department's Southwest District office.

Department of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100; Fax: 813/744-6458

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. Emission units subject to NSPS at this facility are subject to the provisions of 40 CFR 60 Subpart A – General Provisions. A copy of 40 CFR 60 Subpart A - General Provisions is available from the Department upon request.

25. 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-4, TITLE V CONDITIONS.)}

26. 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.]

NOTES TO PERMITTEE:

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

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.

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.

Permit Renewal - Reference Appendix TV-4, item 5

Section III. Emissions Unit(s) and Conditions.

Subsection A.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-010	1,000 Horsepower Johnson Boiler #1
-011	1,000 Horsepower Johnson Boiler #2

These emissions units are process steam boilers that are installed to serve as a source of steam to meet citrus processing needs. Each boiler is limited to a physical capacity of 41.63 MMBtu/hour, and will fire natural gas, only.

{Permitting note(s): These 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; and, NSPS - 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800, F.A.C.}

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 to each boiler shall not exceed 41.63 MMBtu/hour.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 1050045-006-AC]

A.2. Methods of Operation - Fuels. The permittee is authorized to burn only the following fuels in each of the boilers:

a. Primary fuel: Natural gas.

b. Standby fuel: No standby fuel is authorized.

c. The maximum total natural gas usage in all of the boilers shall not exceed 400 MMcf in any 12 consecutive month period.

[Rules 62-210.200(PTE), 62-4.160(2), and 62-213.440(1), F.A.C.; and, 1050045-006-AC]

A.3. Compliance Plan: Before regular operation is authorized, the permittee must demonstrate compliance with all emissions limits and reporting requirements as specified by this permit and receive acknowledgement from the Department that compliance has been demonstrated.

[Rule 62-213.420(1)(a)4., F.A.C.]

Emission Limitations and Standards

A.4. Visible Emissions Limited: Visible emissions from each emissions unit shall not exceed 20 percent opacity except for one two-minute period per hour during which opacity shall not exceed 40 percent.
[Rule 62-296.406(1), F.A.C.]

Test Methods and Procedures

A.5. Visible Emission Tests Required: The owner or operator shall demonstrate compliance with the visible emissions limit for this emissions unit upon initial installation and annually using EPA Method 9, as described in 40 CFR 60 Appendix A.
[Rules 62-4.070(3) and 62-297.310, F.A.C.]

Recordkeeping and Reporting Requirements

A.6. Natural Gas Consumption Records: The owner or operator shall make and maintain monthly records of natural gas consumption for these emissions units. From the monthly records of consumption of all permitted fuels, the owner or operator shall make records of the consecutive 12-month fuel consumption to demonstrate compliance with the fuel consumption limits of specific condition 3 of this section. All of these records shall be completed within ten days of the end of each month.
[Rule 62-4.070(3), F.A.C.]

A.7. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit.
[Rule 62-296.810, F.A.C.; and, 40 CFR 60.48c(g) and (i)]

A.8. The permittee shall submit the following written notifications to the Air Compliance Section of the Southwest District Office of the Department:

- a. A notification of the date construction (or reconstruction as defined under 60.15) of the boiler is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
- b. A notification of the anticipated date of initial startup of the boiler, postmarked not more than 60 days nor less than 30 days prior to such date.
- c. A notification of the actual date of initial startup of the boiler, postmarked within 15 days after such date.

d. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14 (e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.
[Rule 62-204.800(7)(b)4., F.A.C.; and, 40 CFR 60.7(a) and 40 CFR 60.48c(a)]

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

E.U.

ID No. Brief Description

-006 Two Citrus Peel Dryers Vented to One Waste Heat Evaporator

Two citrus dryers exhaust through one waste heat evaporator (WHE). Both dryers may not operate simultaneously. Waste citrus peel and pulp ("wet peel") are pressed to remove oils and some water. This press liquor is concentrated to 30 Brix (termed "citrus molasses") using waste heat from the dryer(s), and is added to the dried peel as a binder for pelletizing. The peel discharged from the press ("pressed peel") is then fed to the dryer(s) for removal of remaining water.

The primary dryer is designed to evaporate a maximum of 60,000 pounds/hour of water. The secondary (standby) dryer is designed to evaporate a maximum of 30,000 pounds/hour of water. Each dryer is fired with natural gas at a maximum total heat input rate of 100 MMBtu/hr. The primary dryer processes a total maximum of 90,000 pounds/hour of "pressed peel" containing ~68% moisture, 30 Brix citrus molasses, and lime. The standby dryer processes a total design maximum of 45,000 pounds/hour of "pressed peel" containing ~68% moisture, 30 Brix citrus molasses, and lime. The evaporator processes a maximum of approximately 100,000 pounds/hour of 9 Brix liquid waste and converts it to approximately 29,630 pounds/hour at ~30 Brix. Approximately 26,620 pounds/hour of dry feed containing ~10% moisture is produced.

Particulate matter emissions are reduced in the waste heat evaporator during the continuous washing of the waste heat evaporator's tubes. Primary removal of particulate matter is accomplished by use of a cyclone common to both dryers.

Particulate matter emissions are vented to the atmosphere through the evaporator stack. In the event of an emergency, emissions are vented to a relief stack.

{Permitting note(s): 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

B.1. Capacity.

- a. The maximum process input rate to the Primary Dryer shall not exceed 45.0 tons per hour of pressed wet citrus peel.
- b. The maximum process input rate to the Secondary Dryer shall not exceed 22.5 tons per hour of pressed wet citrus peel.
- c. The maximum heat input to each peel dryer shall not exceed 100 MMBtu per hour.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, AC53-261051]

B.2. Methods of Operation - (i.e., Fuels).

Both dryers shall be fired with natural gas only.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; AC53-261051; and, BACT Determination July 18, 1991]

B.3. Operation Limitations. Both dryers may not operate simultaneously.
[AC53-261051]

B.4. Hours of Operation. The hours of operation for this emissions unit shall not exceed 5,040 hours per 12 consecutive month period for both dryers combined.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, AC53-261051]

Emission Limitations and Standards

B.5. The total emissions of particulate matter emitted from the waste heat evaporator shall not exceed 19.44 pounds per hour or 49 tons per year.
[AC53-261051 and Requested by Permittee November 16, 1994]

B.6. Visible emissions from the evaporator stack shall not be equal to or greater than 20% opacity.
[AC53-261051; and, Rule 62-296.320(4)(b)(1), F.A.C.]

Test Methods and Procedures

B.7. The WHE exhaust shall be tested with only the primary dryer in operation for particulate matter and visible emissions annually on, or during the 60 day period prior to February 15. Emission testing shall be conducted while operating the dryer within 90 - 100% of the maximum process input rate of 45.0 tons/hr., when practical. If it is not practical to test at the maximum process input rate, then the source may be tested at a lower rate. A compliance test submitted at a rate less than 90% of the maximum permitted rate shown above will automatically constitute an amended permit at 110% of the test rate. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity*. The test results shall be submitted to the Air Compliance Section of this office within 45 days of testing. Acceptance of the test by this office will automatically constitute an amended permit at the higher tested rate plus 10%, but in no case shall the maximum permitted rate shown above be exceeded. Failure to submit the following records with the test report may invalidate the test and fail to provide reasonable assurance of compliance:

The pressed wet peel input rate to the dryer during the test.

The natural gas usage rate to the dryer during the test.

The WHE's scrubber operating parameters shall be recorded during the particulate emission compliance test. These WHE operating parameters could include water spray rate (gallons/minute), water feed pump/spray operating pressure, pressure drop across the WHE scrubber section or other parameters that are used to control and monitor the operation of the WHE. (Note: The parameter(s) and their operating levels during the compliance test will be used to provide reasonable assurance on an ongoing basis that the unit is being operated normally and in compliance with the standards - See Condition No. B.13) At least one reading shall be taken and recorded during each run of the particulate emission compliance test and the readings shall be included with any peel dryer test report.

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

* Clarification: When a unit is limited to an operating rate at 110% of the tested rate, the permittee may provide notice of an additional test (as in the notification requirements of Facility-wide condition 16). That notice may specify a 15 day period when the unit will be allowed to operate at higher capacities for the purpose of additional testing. For example, the first five days of the 15 day period may be used to bring the unit up to a higher production level; the next five days may be used for the tests themselves. After the final test, the unit must be returned to the capacity which existed prior to the most recent test. Upon written approval by the Department of the most recent test results, the unit may then operate at 110% of the most recent test load, not to exceed the maximum permitted rate.

B.8. Within 30 days of starting up the standby dryer, test the WHE stack for particulate matter and visible emissions with only the standby dryer operating.
[Rules 62-297.310(7) and 62-297.310(8), F.A.C.]

B.9. Compliance with the limitations of Conditions B.5 and B.6 shall be determined using EPA Methods 1, 2, 3, 4, 5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The EPA Method 9 test shall be conducted by a certified observer and be a minimum of sixty (60) minutes in duration. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A.
[Chapter 62-297, F.A.C.]

Recordkeeping and Reporting Requirements

B.10. In order to document compliance with the operating hour limitation of Condition B.3, the permittee shall maintain a record of daily peel dryer operating hours. The records shall also include a summary of total operating hours for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.11. In order to document compliance with Condition B.1, the permittee shall maintain monthly records of the weight of wet peel input processed and/or dried peel produced. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.12. In order to document compliance with Condition B.1, the permittee shall maintain a record of daily natural gas usage (defined as any period when natural gas is being fired). The records shall also include a summary of total natural gas usage for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.13. WHE operating parameters shall be maintained at a minimum of 90% of the values measured and recorded during the most recent particulate matter emission compliance test. WHE parameters shall be recorded at least once during each 8-hour shift.
[Rules 62-210.650 and 62-213.440(1), F.A.C.]

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

E.U.

ID

Brief Description

No.

-007

Citrus Peel Pellet Cooler

The pellet mill cooler has a maximum design utilization rate of dried citrus pellets of 14.0 tons per hour. Dried citrus peel from the feed mill dryer is sent to the pellet mill cooler where molasses is added and it is cooled and formed into pellets for use as an animal feed supplement. Particulate emissions from the cooler are controlled by 1 small cyclone and 1 large cyclone. Each cyclone has its own emission stack. The large cyclone is located north of the small cyclone.

{Permitting note(s): These emissions units are regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards; and Rule 62-296.700, F.A.C., RACT Particulate Matter.}

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

Essential Potential to Emit (PTE) Parameters

C.1. Capacity. The maximum process input rate to the pellet mill cooler shall not exceed 14.0 tons per hour of dried citrus peel.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

C.2. Hours of Operation. The hours of operation for this emissions unit shall not exceed 5,040 hours per 12 consecutive month period.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, Requested by permittee, December 27, 1995]

Emission Limitations and Standards

C.3. In order to be exempt from particulate RACT, the total maximum allowable emission rate of particulate matter from the 2 cyclones for a maximum permitted dried citrus pellet utilization rate of 14.0 tons per hour is 18.4 pounds per hour. (46.4 tons per year) as set by the Process Weight Table contained within Rule 62-296.320(4)(a), F.A.C. At lesser rates, the allowable emission rates can be determined from the appropriate equation.
[Rule 62-296.700(2)(b), F.A.C.]

C.4. Visible emissions shall not exceed an opacity of 5%, as reasonable assurance of compliance with the pounds per hour particulate matter limitation of Condition C.3.
[Rule 62-4.070(3), F.A.C.]

Test Methods and Procedures

C.5. Test each Citrus Pellet Mill Cooler cyclone for visible emissions annually on, or during the 60 day period prior to, the date of February 15 of each year. 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 dried peel process input rate shall be included with all test reports. Failure to submit the additional information as required by Condition C.6, or operating under conditions that are not representative of normal operation, may invalidate the test and fail to provide reasonable assurance of compliance.
[Rules 62-297.310, F.A.C.]

C.6. Compliance with the visible emission limitation of Specific Condition C.4 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A. Be sure each test report identifies the cyclone (large/small or north/south), dried citrus pellet utilization rate, and copy of the records for the test period as required by Condition C.7.
[Chapter 62-297, F.A.C.]

Recordkeeping and Reporting Requirements

C.7. In order to document compliance with the Conditions C.1 and C.2, the permittee shall maintain a record of daily pellet mill operating hours and the amount of dried peel fed to the pellet mill. The records shall also include a summary of total operating hours and dried peel fed to the pellet mill for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

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

Peace River Citrus Products, Inc.

FINAL Permit No.: 1050045-007-AV

Facility ID No.: 1050045

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. Lime handling (unloading, storage, mixing with wet peel)
2. Dried pellet handling (loadout, etc.)
3. Maintenance shop
4. Chlorine Disinfection
5. Methanol Production from peel composition
6. Ammonia Refrigeration
7. Wastewater Treatment

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

Peace River Citrus Products, Inc.

FINAL Permit No.: 1050045-007-AV

Facility ID No.: 1050045

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

-010 1,000 Horsepower Johnson Boiler #1
 -011 1,000 Horsepower Johnson Boiler #2
 -006 Two Citrus Peel Dryers
 -007 Citrus Peel Pellet Cooler

E.U. ID No.	Pollutant Name	Fuel(s)	Hours/Yr	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
				Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-010 and -011	VE	nat. gas	8760	<20% opacity					62-296.320(4)(b), F.A.C.	III.A.4.
-006	PM	nat. gas	5,040	19.44 lbs/hr, 49 TPY	19.44	49.0	19.44	49.0	AC53-261051/EBA	III. B.5.
	VE	nat. gas	N/A	<20% opacity	N/A	N/A	N/A	N/A	62-296.320(4)(b), F.A.C. AC53-261051	III. B.6.
-007	PM		5,040	18.4 lbs/hr, 46.4 TPY and process weight table	18.4	46.4	18.4	46.4	62-296.700(2)(b), F.A.C.	III. C.3.
	VE		N/A	5% opacity	N/A	N/A	N/A	N/A	62-4.070(3), F.A.C.	III. C.4.

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

N/A: Not Applicable EBA: Established By Applicant

Table 2-1, Summary of Compliance Requirements

Peace River Citrus Products, Inc.

FINAL Permit No.: 1050045-007-AV

Facility ID No.: 1050045

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

-010 1,000 Horsepower Johnson Boiler #1
 -011 1,000 Horsepower Johnson Boiler #2
 -006 Two Citrus Peel Dryers
 -007 Citrus Peel Pellet Cooler

E.U. ID No.	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See Permit Condition(s)
-010 and -011	VE	nat. gas	9	annual	to be determined	30 minutes		III. A.5.
-006 (primary dryer) -006 (secondary dryer)	VE	nat. gas	9	annual	15-February	30 minutes		III. B.7. & B.9.
	PM	nat. gas	5	annual	15-February	1 hour		III. B.7. & B.9.
	VE	nat. gas	9		30 days of startup	30 minutes		III. B.8. & B.9.
	PM	nat. gas	5		30 days of startup	1 hour		III. B.8. & B.9.
-007	VE PM (waived per condition C.4)		9	annual	15-February	30 minutes		III. C.5. & C.6.

Notes: *Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

Appendix H-1: Permit History

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility


FINAL Permit No.: 1050045-007-AV
Facility ID No.: 1050045

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type ¹
All	Facility	1050045-004-AV	04/11/2000	04/11/2005	Initial
All	Transfer of Ownership	1050045-005-AV	03/20/02	04/11/2005	Admin. Correction
-010 and -011	1,000 H.P. Johnson Boiler #1 & #2	1050045-006-AC	09/13/2002	12/31/2003	Construction (new)
All	Facility	1050045-007-AV	11/07/2002	04/11/2005	Revision

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

² Change to an actual date, which is day 55 from the date of posting the PROPOSED Permit for EPA review (see confirmation e-mail from Tallahassee) or the date that EPA confirms resolution of any objections.

TO: Howard L. Rhodes

FROM: Trina Vielhauer 

DATE: November 13, 2002

SUBJECT: FINAL Permit Revision No.: 1050045-007-AV
Peace River Citrus Products, Inc.
Peace River Cold Storage Facility

BAR
—

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 1050045-006-AC, which allows the installation of two 1,000 horsepower boilers.

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

TV/es