

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:
Director of Energy Supply


Mr. John Rees, President
Silver Springs Citrus, Inc.
P. O. Box 155
Howey-In-The-Hills, Florida 34737

FINAL Permit No.: 0690014-006-AV
Silver Springs Citrus, Inc.

Enclosed is FINAL Permit Number 0690014-006-AV for the operation of Silver Springs Citrus, Inc. located at 25411 Mare Avenue, Howey-In-The-Hills, Lake 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 L. 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 2/18/04 to the person(s) listed or as otherwise noted:

John Rees, Responsible Official, Silver Springs Citrus, Inc.

Clerk Stamp

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

Barbara J. Sunday 2/18/04
(Clerk) (Date)

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT was sent by E-mail Memorandum before the close of business on 2/18/04 to the person(s) listed or as otherwise noted:

John Koogler, Ph.D., PE, Koogler & Associates
Len Kozlov, FDEP CD
USEPA, Region 4

Clerk Stamp

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

Barbara J. Sunday 2/18/04
(Clerk) (Date)

FINAL PERMIT DETERMINATION

FINAL Permit No.: 0690014-006-AV

Page 1 of 1

I. Comment(s).

No Comments were received on the PROPOSED Title V Permit from USEPA.

A comment was received on January 26, 2004 from John Koogler, Ph.D., P.E. The comment requested that the particulate matter testing requirement for the peel dryer be identified as once every five years, prior to renewal. The requirements of Specific Condition A.19. state that emissions units with emissions limits that are less than major (100 tons per year for particulate matter) are required to perform compliance tests prior to renewal of the permit. The Department feels further clarification is not warranted.

II. Conclusion.

Since the comments required no changes be made to the permit, the PROPOSED Title V Air Operation Permit becomes the FINAL Title V Air Operation Permit.

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Mr. John Rees, President
Silver Springs Citrus, Inc.
P. O. Box 155
Howey-In-The-Hills, Florida 34737

COMPLETE THIS SECTION ON DELIVERY

A. Signature



- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

2-27-01

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

117001/1140/0002 1578/0522 1111

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Mr. John Rees, President

Postage

\$

Certified Fee

Return Receipt Fee
(Endorsement Required)Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees

\$

Postmark
Here

Sent To

Mr. John Rees, President

Street, Apt. No.,
or PO Box No.

P. O. Box 155

City, State, ZIP+4

Howey-In-The-Hills, Florida 34737

PS Form 3800, January 2001

See Reverse for Instructions

STATEMENT OF BASIS

Silver Springs Citrus, Inc.
Silver Springs Citrus Facility
Facility ID No.: 0690014
Lake County

Title V Air Operation Permit Renewal FINAL Permit Project No.: 0690014-006-AV

This Title V Air Operation Permit Renewal 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 is for the renewal of Title V Air Operation Permit and the incorporation of a construction permit, No. 0690014-005-AC, issued on May 14, 2003.

Construction permit, No. 0690014-005-AC authorizes the use of very low sulfur distillate fuel oil in its existing process steam boiler #1 and citrus peel dryer.

This facility consists of a citrus peel dryer equipped with a waste heat evaporator; a pellet cooler; a cooling reel; and, two process steam boilers.

The citrus peel dryer is equipped with a waste heat evaporator manufactured by Gulf Machinery Co. to control particulate emissions and is fired with natural gas, propane, or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. The pellet cooler is equipped with a cyclone (California Machinery, Model M21832) to control particulate emissions. The cooling reel is equipped with a cyclone (Gulf Machinery, Model CMC25SF) to control particulate emissions. Boiler No. 1 is a 750 hp Hurst, Series 400 and is fired with natural gas, propane, No. 6 fuel oil with a maximum sulfur content of 1.5%, by weight, or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. Boiler No. 3 is a 1200 hp Johnston boiler fired with natural gas, propane, or new No. 2 fuel oil only with a maximum sulfur content of 0.05%, by weight. CAM does not apply.

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

Based on the Title V Air Operation Permit Renewal application received July 21, 2003, this facility is not a major source of hazardous air pollutants (HAPs).

Silver Springs Citrus, Inc.
Facility ID No.: 0690014
Lake County

Title V Air Operation Permit Renewal

FINAL Permit Project No.: 0690014-006-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:

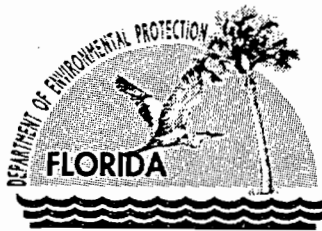
Florida Department of Environmental Protection
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

Title V Air Operation Permit Renewal

FINAL Permit No.: 0690014-006-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:

Silver Springs Citrus, Inc.
Post Office Box 155
Howey-in-the-Hills, Florida 34737

FINAL Permit No.: 0690014-006-AV

Facility ID No.: 0690014

SIC Nos.: 20, 2033, 2037, 2048

Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit and incorporate a construction permit, No. 0690014-005-AC, issued on May 14, 2003. This existing facility is located at 25411 Mare Avenue, Howey-in-the-Hills, Lake County; UTM Coordinates: Zone 17, 423.7 km East and 3176.5 km North; Latitude: 28° 42' 56" North and Longitude: 81° 46' 53" West.

This Title V Air Operation Permit Renewal 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 U-1, List of Unregulated Emissions Units and/or Activities
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 10/07/96
TABLE 297.310-1, CALIBRATION SCHEDULE version dated 10/07/96
Alternate Sampling Procedure: ASP Number 93-J-01

Effective Date: January 31, 2004

Renewal Application Due Date: July 30, 2009

Expiration Date: January 30, 2009

Michael G. Cooke, Director
Division of Air Resource
Management

MC/sms/es

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of a citrus peel dryer equipped with a waste heat evaporator; a pellet cooler; a cooling reel; and, two process steam boilers.

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

Based on the Title V Air Operation Permit Renewal application received July 21, 2003, 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>E.U. ID No.</u>	<u>Brief Description</u>
-001	Citrus Peel Dryer
-005	Pellet Cooler
-006	Cooling Reel
-007	Process Steam Boiler No. 1
-002	Process 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

Statement of Basis

These documents are on file with the permitting authority:

Initial Title V Air Operation Permit issued September 20, 1999

Application for a Title V Air Operation Permit Renewal received July 21, 2003

Additional Information Request dated August 7, 2003

Additional Information Response received August 11, 2003

Letter from John Koogler, Ph.D., P.E. dated November 14, 2003

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. 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 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. 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.]

7. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV-4, TITLE V CONDITIONS):

a. good work practices such as the use of water to keep roadways and work areas damp to control dust and windborne emissions.

[Rule 62-296.320(4)(c), F.A.C.; and, renewal Title V permit application received July 21, 2003]

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-4, 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 Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803
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 30303-8960
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. The permittee shall submit to the Air Compliance Section of Central District Office of the Department each calendar year, on or before March 1, a completed DEP Form 62-213.900 (5), an "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), F.S.:

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

The annual "Statement of Compliance: (ref. Appendix TV-4) shall be submitted with the AOR. [Rule 62-210.370(3), F.A.C.]

{Permitting Note: See Condition 24. of APPENDIX TV-4, TITLE V CONDITIONS}

14. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of an air permit application, DEP Form No. 62-210.900(1). [Rule 62-4.090, F.A.C.]

{Permitting Note: See Condition 5. of APPENDIX TV-4, TITLE V CONDITIONS}

III. Emissions Unit(s) and Conditions.

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

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Citrus Peel Dryer
-005	Pellet Cooler
-006	Cooling Reel

The citrus peel dryer is equipped with a waste heat evaporator manufactured by Gulf Machinery Co. to control particulate emissions and is fired with natural gas, propane, or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. The pellet cooler is equipped with a cyclone (California Machinery, Model M21832) to control particulate emissions. The cooling reel is equipped with a cyclone (Gulf Machinery, Model CMC25SF) to control particulate emissions.

{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

A.1. Capacity.

- a) Citrus Peel Dryer: The maximum process input rate (wet peel) for the Citrus Peel Dryer shall not exceed 21.23 tons/hr and 122,285 tons per twelve consecutive months.
 - b) Pellet Cooler: The maximum process rate for the Pellet Cooler shall not exceed 4.3 tons/hr and 37,668 tons per twelve consecutive months.
 - c) Cooling Reel: The maximum process rate for the Cooling Reel shall not exceed 0.5 tons/hr and 4,380 tons per twelve consecutive months.
- [Rules 62-4.160(2) and 62-210.200, (PTE), F.A.C.; AO35-219964; and, AC35-74812]

A.2. Methods of Operation - (Fuels).

The fuel used by the Citrus Peel Dryer shall be limited to natural gas, propane, or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. Heat input from all permitted fuels shall be limited to 376,680 million Btu in any consecutive 12-month period, based on the higher heating value of the fuels.

[Rules 62-210.200 (PTE) and 62-4.160(2), F.A.C.; AO35-219964; and, 0690014-005-AC]

[Note: If only distillate fuel oil is fired, the heat input limitations above will limit distillate fuel oil consumption in emissions unit 001 to approximately 2,690,570 gallons per year, based on an average HHV of 140 mmBtu/1000 gallons.]

A.3. Hours of Operation. The hours of operation for the Citrus Peel Dryer shall not exceed 5,760 hours per twelve consecutive months. The hours of operation for the Pellet Cooler and Cooling Reel are not limited.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, AO35-219964 and AO35-251769]

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.4.-A.7.** are based on the specified averaging time of the applicable test method.}

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

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

The maximum process weight is 21.23 tons/hour which equates to a particulate emission limit of 23.87 lbs per hour and 68.75 tons per twelve consecutive months.

[Rule 62-296.320(4)(a), F.A.C.; and, AO35-219964]

A.5. The Pellet Cooler is subject to Rule 62-296.320(4)(a), Process Weight Table 296.320-1, F.A.C. For process weight rates up to 30 tons per hour, P, the respective allowable emission rates, E in pounds per hour is given below:

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

The maximum process weight is 4.3 tons/hour which equates to a particulate emission limit of 8.86 lbs per hour and is capped at 11.5 tons per twelve consecutive months, as requested by the applicant.

[Rule 62-296.320(4)(a), F.A.C.; and, AC35-74812]

A.6. The Cooling Reel is subject to Rule 62-296.320(4)(a), Process Weight Table 296.320-1, F.A.C. For process weight rates up to 30 tons per hour, P, the respective allowable emission rates, E in pounds per hour is given below:

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

The maximum process weight is 0.5 tons/hour which equates to a particulate emission limit of 2.34 lbs per hour and is capped at 5.8 tons per twelve consecutive months, as requested by the applicant.

[Rule 62-296.320(4)(a), F.A.C.; and, AC35-74812]

A.7. Visible emissions from each emission unit shall not be equal to or greater than 20% opacity.
[Rule 62-296.320(4)(b)(1), F.A.C.]

Excess Emissions

A.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.]

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. Particulate Matter. The test methods for particulate emissions shall be EPA Method 5 incorporated by reference in Chapter 62-297, F.A.C. **The permittee has elected to accept an alternate standard of five (5) percent opacity to waive the particulate matter compliance test requirement for the citrus cooling reel and Pellet Cooler.** See specific conditions A.5. and A.6.

[Rules 62-213.440 and 62-297.620(4), F.A.C.; and, ASP-93-J-01]

A.11. Visible Emissions. EPA Method 9 shall be used to determine opacity compliance pursuant to Chapter 62-297, F.A.C.
[Rule 62-297.401, F.A.C.]

A.12. Fuel Sulfur Content Tests for Distillate Fuel Oil: The owner or operator shall determine the sulfur content of each delivery of distillate fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of specific condition A.2.
[0690014-005-AC]

A.13. Fuel Heat Content Tests for Distillate Fuel Oil: The owner or operator shall determine the heat content (higher heating value) of each delivery of distillate fuel oil received for these

emissions units using ASTM D4057-88 and one of the following test methods for heat content: ASTM D240-87, ASTM D2015-91, or ASTM D2382-88. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the heat content of the distillate fuel oil delivered. [0690014-005-AC]

A.14. 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.]

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:

- a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
 - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - 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, attached as part of this permit.
- (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. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.
[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;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission 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% of its true value.
[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

A.21. In order to demonstrate compliance with specific conditions **A.1.**, **A.2.**, **A.3.**, **A.4.**, **A.5.**, and **A.6.**, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly Records

- a) - month
 - fuel type
 - fuel oil sulfur content
- b) - consecutive 12 month total of:
 - heat input rates
 - hours of operation

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.; and, 0690014-005-AC]

A.22. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department 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.23. Submit to the Department a written report of emissions in excess of emission limiting for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

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

A.24. 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.
- [Rule 62-297.310(8), F.A.C.]

A.25. Duration of Record Keeping. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

[Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]

Section III. Emissions Unit(s) and Conditions.

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

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-007	Process Steam Boiler No. 1
-002	Process Steam Boiler No. 3

Process Steam Boiler No. 1 is a 750 hp Hurst, Series 400 and is fired with Natural gas, propane, No. 6 fuel oil with a maximum sulfur content of 1.5%, by weight or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. Process Steam Boiler No. 3 is a 1200 hp Johnston boiler fired with natural gas, propane, or new No. 2 fuel oil only with a maximum sulfur content of 0.05%, by weight.

{Permitting note(s): These emission units are regulated under Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 Million Btu per Hour Heat Input, New and Existing Units.}

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

Essential Potential to Emit (PTE) Parameters

B.1. Methods of Operation - (Fuels).

The fuel used and the maximum heat input rates shall be as follows:

- a. Process Steam Boiler No. 1: Natural gas, propane, No. 6 fuel oil with a maximum sulfur content of 1.5%, by weight, or distillate fuel oil with a maximum sulfur content of 0.05 percent, by weight. Maximum heat input rate shall not exceed 184,320 MMBtu per twelve consecutive months, based on the higher heating value of the fuels.
- b. Process Steam Boiler No. 3: Natural gas, propane, or new no. 2 fuel oil only with a maximum sulfur content of 0.05%, by weight. Maximum heat input rate shall not exceed 408,216 MMBtu per twelve consecutive months.

[Rules 62-210.200, (PTE) and 62-4.160(2), F.A.C.; AO35-206547; and, 0690014-001-AC & 0690014-005-AC]

[Note: If only distillate fuel oil is fired, the heat input limitations above will limit distillate fuel oil consumption in emissions unit 007 to approximately 1,316,570 gallons per year, based on an average HHV of 140 mmBtu/1000 gallons.]

B.2. Hours of Operation. The hours of operation for Process Steam Boiler No. 1 and Process Steam Boiler No. 3 are not limited.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; AO35-206547; and, 0690014-001-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 time for Specific Condition B.3. is based on the specified averaging time of the applicable test method.}

B.3. Visible Emissions. Visible emissions from each boiler shall not exceed 20% opacity, except for one two-minute period per hour during which opacity shall not exceed 40%.
[Rule 62-296.406(1), F.A.C.]

B.4. BACT Determined by DEP. The amount of particulate and sulfur dioxide emissions from Process Steam Boiler No. 1 will be limited by the firing of natural gas, propane, or No. 6 fuel oil with a sulfur content not to exceed 1.5%, by weight. The amount of particulate and sulfur dioxide emissions from Process Steam Boiler No. 3 will be limited by the firing of natural gas, propane, or No. 2 fuel oil with a sulfur content not to exceed 0.05%, by weight.
[Rules 62-296.406(2)&(3), F.A.C.; AO35-206547; and, 0690014-001-AC]

Excess Emissions

B.5. 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.]

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. Visible Emissions. EPA Method 9 shall be used to determine opacity compliance pursuant to Chapter 62-297, F.A.C.
[Rule 62-297.401, F.A.C.]

B.8. The permittee shall demonstrate compliance with the liquid fuel sulfur limit by the vendor providing a fuel analysis upon each fuel delivery or on analysis of as-received samples taken at the facility.

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

B.9. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using one of ASTM D2622-94, ASTM D4294-90(95), ASTM 1552-95, ASTM D1266-91, or both ASTM D4057-88 and ASTM D129-95 or latest editions.

[Rules 62-213.440, 62-296.406(3), 62-4.070(3), and 62-297.440, F.A.C.]

B.10. Fuel Sulfur Content Tests For Distillate Fuel Oil: The owner or operator shall determine the sulfur content of each delivery of distillate fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of specific condition **B.1.**

[0690014-005-AC]

B.11. Fuel Heat Content Tests for Distillate Fuel Oil: The owner or operator shall determine the heat content (higher heating value) of each delivery of distillate fuel oil received for these emissions units using ASTM D4057-88 and one of the following test methods for heat content: ASTM D240-87, ASTM D2015-91, or ASTM D2382-88. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the heat content of the distillate fuel oil delivered.

[0690014-005-AC]

B.12. 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.13. 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:

b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.

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.]

B.14. 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;

b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and

c. Each NESHAP pollutant, if there is an applicable emission 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.15. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

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

Recordkeeping and Reporting Requirements

B.16. In order to demonstrate compliance with specific conditions no. **B.1.**, **B.2.**, and **B.4.**, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly Records

a) - month

- fuel type

- fuel oil sulfur content

b) - consecutive 12 month total of:

- heat input rates

- hours of operation

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.; and, 0690014-005-AC]

B.17. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department 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.18. Submit to the Department a written report of emissions in excess of emission limiting for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

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

B.19. 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.

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

B.20. Duration of Record Keeping. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

[Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]

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

Silver Springs Citrus, Inc.
Silver Springs Citrus Facility

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 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 Rules 62-210.300(3)(a) and (b)1., 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 Rules 62-210.300(3)(a) and (b)1., 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. Fugitive emissions
2. Activities included in EPA's list of trivial activities

Appendix H-1: Permit History

Silver Springs Citrus, Inc.
Silver Springs Citrus Facility

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type ¹
All	Facility	0690014-006-AV	01/31/2004	01/30/2009	Renewal

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

² ARMS 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.

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

Silver Springs Citrus, Inc.
Silver Springs Citrus Plant

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

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

[-001] Citrus Peel Dryer
[-005] Pellet Cooler
[-006] Cooling Reel

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 [EU-001]	All	5,760	E = 3.59 (P ^{u.s.})			23.87	68.75	Rule 62-296.320(4)(a), F.A.C.	A.4.
PM [EU-005]	All	5,760	E = 3.59 (P ^{u.s.})			18.86	11.6	Rule 62-296.320(4)(a), F.A.C.	A.5.
PM [EU-006]	All	5,760	E = 3.59 (P ^{u.s.})			12.34	5.8	Rule 62-296.320(4)(a), F.A.C.	A.6.
SO ₂	Liquid	8,760	0.05% by weight sulfur					0690014-005-AC	A.2.
VE	All	8,760	<20% opacity					Rule 62-296.320(4)(b)(1), F.A.C.]	A.7.
Notes: * The "Equivalent Emissions" listed are for informational purposes only.									

[electronic file name: 06900141.xls]

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

Silver Springs Citrus, Inc.
Silver Springs Citrus Plant

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

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
[-007]	Process Steam Boiler No. 1
[-002]	Process Steam 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 ₂ [EU -007]	Liquid	8,760	1.5% & 0.05% by weight sulfur			48.8 & 11.6	138.2 & 4.7	0690014-001-AC & 0690014-005-AC	B.1.
SO ₂ [EU -002]	Liquid	8,760	0.05% by weight sulfur			3.54	10.2	0690014-001-AC	B.1.
VE	All	8,760	20% except 40% 2 min/hr					Rule 62-296.406(1)	B.3.

Notes:

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

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Table 2-1, Summary of Compliance Requirements

Silver Springs Citrus, Inc.
Silver Springs Citrus Plant

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

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
[-001]	Citrus Peel Dryer
[-005]	Pellet Cooler
[-006]	Cooling Reel

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
VE	All	EPA Method 9	Annual	12/11	30 min		A.11.
PM EU[-001]	All	EPA Method 5	Renewal	12/11	1 hr		A.10.
PM EU[-005 & -006]	All	EPA Method 5	Renewal	12/11	1 hr		A.10.
PM EU[-005 & -006]	All	EPA Method 9 (ASP-93-J-01)	Annual	12/11	30 min		A.10.
SO ₂	Liquid	ASTM Methods	Each Delivery				A.12.and A.13.

Notes:

* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

[electronic file name: 06900142.xls]

Table 2-1, Summary of Compliance Requirements

Silver Springs Citrus, Inc.
Silver Springs Citrus Plant

FINAL Permit No.: 0690014-006-AV
Facility ID No.: 0690014

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
[-007]	Process Steam Boiler No. 1
[-002]	Process Steam Boiler No. 3

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance Test	CMS**	See permit condition(s)
			Frequency	Base Date *	Duration		
VE	All	DEP Method 9	Annual	12/11	30 min		B.12. & B.13.
SO ₂ [EU -007]	Liquid	ASTM Methods	each delivery				B.10. & B.11.
SO ₂ [EU -002]	Liquid	ASTM Methods	each delivery				B.9.


Notes:

* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

[electronic file name: 06900142.xls]

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, P.E., Bureau of Air Regulation
FROM: Edward J. Svec, Permit Engineer 
DATE: 02/17/2004
RE: U.S. EPA Region 4 FINAL Title V Operation Permit Renewal Review

The following FINAL Title V operation permit(s) renewal 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>
Silver Springs Citrus	Lake	INTERNET	0690014f.zip
Silver Springs Citrus			

This zipped file contains the following electronic files:

sob.doc
0690014f.doc
06900141.xls
06900142.xls
0690014g.doc
0690014h.doc

Memorandum

Florida Department of Environmental Protection

TO: Michael G. Cooke
FROM: Trina L. Vielhauer 
DATE: January 30, 2004
SUBJECT: FINAL Permit No.: 0690014-006-AV
Silver Springs Citrus
Silver Springs Citrus Processing Plant

This permit is a Title V Air Operation Permit renewal for the subject facility and the incorporation of a construction permit, No. 0690014-005-AC, issued on May 14, 2003.

Construction permit, No. 0690014-005-AC authorizes the use of very low sulfur distillate fuel oil in its existing process steam boiler #1 and citrus peel dryer.

This facility consists of a citrus peel dryer equipped with a waste heat evaporator; a pellet cooler; a cooling reel; and, two process steam boilers.

Based on the Title V Air Operation Permit Renewal application received July 21, 2003, this facility is not a major source of hazardous air pollutants (HAPs).

Comments were received on the DRAFT permit and minor changes were made. A second public notice was not required.

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

I recommend your signature.

Attachment

TV/es