


Florida Department of
Environmental Protection

Memorandum

TO: Michael Cooke
FROM: Trina Vielhauer 
DATE: May 28, 2004
SUBJECT: Louis Dreyfus Citrus, Inc.
New Citrus Peel Dryer and Pellet Cooler

Attached for approval and signature is a final air construction permit to allow Louis Dreyfus Citrus, Inc. to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, to replace the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing at its citrus juice processing plant located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The emissions increase was limited to avoid PSD review.

No comments were received during the public comment period.

I recommend your approval and signature.

Attachments

/es

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Dave Baldwin, Plant Manager
Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

DEP File No. 0850002-006-AC
New Citrus Peel Dryer and Pellet Cooler
Martin County

Enclosed is Final Permit Number 0850002-006-AC. This permit authorizes Louis Dreyfus Citrus, Inc. to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing at its citrus juice processing plant located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

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 6/9/04 to the person(s) listed:

Mr. Dave Baldwin, Louis Dreyfus Citrus, Inc. *
Mr. Wayne Griffin, P.E., G2 Services Ltd.
Mr. Tom Tittle, DEP SED

6/9/04 cc: *Ed Svec*
Reading Sale

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Paulina J. Friday 6/9/04
(Clerk) (Date)

1 APPLICANT NAME AND ADDRESS

Louis Dreyfus Citrus, Inc.
 19100 Southwest Warfield Boulevard
 Indiantown, Florida 34956

Authorized Representative: Dave Baldwin, Plant Manager

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The project is a request to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation does not constitute a production increase. The applicant did not seek any other relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are retired Citrus Peel Dryer No. 1, I.D. 004; new Citrus Peel Dryer No. 1A, I.D. 013; existing Pellet Cooler No. 1, I.D. 008; and, new Pellet Cooler No. 2, I.D. 014.

The emissions increases associated with this project were estimated as follows in tons per year. Offsetting emissions from the removal of Citrus Peel Dryer (# 1), I. D. -004 were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	0.76/0.76	25/15	No
SO ₂	0.06	40	No
NO _x	10.0	40	No
CO	8.4	100	No
VOC	0.55	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas usage and AP-42 emission factors (tables 1.4-1 and 1.4-2), assuming a heat content of 1000 Btu/scf of natural gas, given a design heat input capacity of 93.6 MMBtu/hour and an annual fuel limitation of 400 million cubic feet of natural gas in any 12 consecutive months.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212 and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM₁₀, carbon monoxide, SO₂, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant exceeds 100 tons per year (TPY). The Department has previously found that citrus juice processing facilities such as this facility have potential emissions of VOC exceeding 250 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant (VOC), the facility is also an existing Major Facility with respect to Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD). The net increase in emissions of PM/PM₁₀, NO_x, SO₂, CO and VOC do not exceed the PSD significance levels of Table 212.400-2 of Chapter 62-212, F.A.C. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C., for these pollutants.

The applicant stated that this facility is not a major source of hazardous air pollutants (HAPs). This project is not subject to a case-by-case MACT determination, per Rule 62-204.800(10)(d)2, F.A.C., because it does not result in the construction or reconstruction of a major source of HAP emissions. This project is not subject to any requirements under the National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or 63.

3 SOURCE IMPACT ANALYSIS

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

4 EXCESS EMISSIONS

Excess emissions for this emissions unit are specified in Section II of the permit. This permitting action does not change any authorization for excess emissions provided by other Department permits for other emissions units

5 LIMITS AND COMPLIANCE REQUIREMENTS

The permit limits the total fruit processed by the plant in a 12-month period as the method of limiting emissions. Additional specific emission limits were not imposed because the potential emissions are well below the PSD significance criteria. The operating limits and the compliance requirements are detailed in Section III of the permit.

6 PRELIMINARY DETERMINATION

Based on the foregoing technical evaluation of the application and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow the installation of a replacement citrus peel dryer; a new pellet cooler; and replace the operating hours limit with a maximum annual fruit throughput, subject to the terms and conditions of the draft permit.

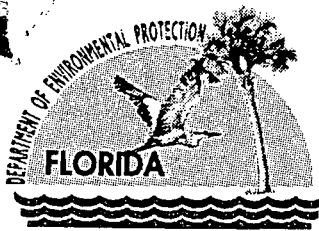
7 FINAL DETERMINATION

An "INTENT TO ISSUE AIR CONSTRUCTION PERMIT" to Louis Dreyfus Citrus for their existing citrus juice processing plant located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County was clerked on April 30, 2004. The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" was published in the Stuart News / Port St. Lucie News on May 11, 2004. The Draft Air Construction Permit was available for public inspection at the Southeast District office in West Palm Beach and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on May 18, 2004.

No comments were received during the fourteen (14) day public comment period. As a result, the Final Air Construction permit will be issued, as noticed.

DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:

Edward J. Svec, Engineer IV
Department of Environmental Protection
Bureau of Air Regulation
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

PERMITTEE

Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

Permit No.	0850002-006-AC
Project	Citrus Peel Dryer & Pellet Cooler
SIC No.	2037
Expires:	May 31, 2009

Authorized Representative:

Dave Baldwin, Plant Manager

PROJECT AND LOCATION

This permit authorizes Louis Dreyfus Citrus, Inc., to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation does not constitute a production increase.

This facility is located at 19100 SW Warfield Blvd. Indiantown, Martin County; UTM Coordinates: Zone 17, 548.40 km East and 2991.50 km North; Latitude: 27° 01' 45" North and Longitude: 80° 31' 10" West.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct the emissions units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendix is a part of this permit:

Appendix GC General Permit Conditions

Michael G. Cooke, Director
Division of Air Resource
Management

"More Protection, Less Process"

Printed on recycled paper.

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is a request to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation does not constitute a production increase. The applicant did not seek any other relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are retired Citrus Peel Dryer No. 1, I.D. 004; new Citrus Peel Dryer No. 1A, I.D. 013; existing Pellet Cooler No. 1, I.D. 008; and, new Pellet Cooler No. 2, I.D. 014.

The emissions increases associated with this project were estimated as follows in tons per year. Offsetting emissions from the removal of Citrus Peel Dryer (# 1), I. D. -004 were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	0.76/0.76	25/15	No
SO ₂	0.06	40	No
NO _x	10.0	40	No
CO	8.4	100	No
VOC	0.55	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas usage and AP-42 emission factors (tables 1.4-1 and 1.4-2), assuming a heat content of 1000 Btu/scf of natural gas, given a design heat input capacity of 93.6 MMBtu/hour and an annual fuel limitation of 400 million cubic feet of natural gas in any 12 consecutive months.

The facility information, project scope, emissions and rule applicability are described in detail in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

February 9, 2004	Received permit application (no application fee required)
February 9, 2004	Application complete
April 30, 2004	Distributed Notice of Intent to Issue and supporting documents
May 11, 2004	Notice of Intent published in The Stuart News and The Port St. Lucie News

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Permit application
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

Louis Dreyfus Citrus, Inc.
New Citrus Peel Dryer and Pellet Cooler

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AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility addressed by this permit.

ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's Southeast District office Air Program, at 400 North Congress Avenue, PO Box 15425, Suite 232, West Palm Beach, Florida 33401, and phone number 561/681-6600.
2. General Conditions: The owner and operator are subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S.; Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297, F.A.C.; and, the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Expiration: This air construction permit shall expire on May 31, 2009. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rules 62-210.300(1), 62-4.070(4), 62-4.080, and 62-4.210, F.A.C.]
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title

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AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southeast District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

OPERATIONAL REQUIREMENTS

9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's Southeast District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]
10. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for other emissions units. The following excess emissions provisions of state rule apply to these emissions units (emissions unit I.D. 005, 008, 013 and 014) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period.
 - (b) Excess emissions resulting from malfunction of this emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
 - (c) 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 start-up, shutdown, or malfunction shall be prohibited.

[Rules 62-210.700(1), (4) and (5), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

12. Determination of Process Variables: [Rule 62-297.310(5), F.A.C.]
 - (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

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AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

REPORTING AND RECORD KEEPING REQUIREMENTS

13. 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.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southeast District office within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
15. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's Southeast District office and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection A. This section addresses the following emission units.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-013	Citrus Peel Dryer (# 1A) / Waste Heat Evaporator with a medium efficiency scrubber
-005	Citrus Peel Dryer (# 2) / Waste Heat Evaporator with a medium efficiency scrubber

The new citrus peel dryer No.1A is manufactured by GUMACO, model 60. It is equipped with a 60,000 lb/hr. waste heat evaporator and a wet scrubber to control particulate matter emissions. Peel dryer No. 2 is manufactured by Cook, model 60 and is equipped with a 60,000 lb/hr. waste heat evaporator and a medium efficiency scrubber to control particulate matter emissions. Commercial operation began in 1993. The 50,000 lb/hr. waste heat evaporator from retired citrus peel dryer #1 will continue to operate on steam from the co-generation plant.

The following conditions apply to the emission units listed above:

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

A.1. Capacity.

E.U. ID No.	Maximum Heat Input MMBtu/hr.	Maximum Evaporative Capacity of the Dryer lb. H ₂ O/hr.	Maximum Process Rate tons/hour	Maximum Evaporative Capacity of the WHE lb. H ₂ O/hr.	Fuel Type
013	93.6	60,000	39	60,000	natural gas
005	93.6	60,000	39	60,000	natural gas

[Rules 62-4160(2) and 62-210. 200 (PTE), F.A.C.]

A.2. Methods of Operation. The only fuel allowed to be burned is natural gas. Total fuel use shall not exceed 400 million cubic feet of natural gas in any 12 consecutive months. Any change in fuels shall require a permit modification from the Department prior to use. [0850002-001-AC]

A.3. Hours of Operation. The hours of operation for the pellet coolers are not limited. See Specific Condition A.4. [Rules 62-4.160(2), F.A.C. and Rule 62-210.200200(PTE), F.A.C.]

A.4. Fruit Throughput Limited: The owner or operator shall not process more than 25.0 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

records and shall be completed no later than the 10th day of each following month. [Rule 62-4.070(3), F.A.C.]

A.5. The waste heat evaporators are capable of being fired with steam rather than waste heat from the peel dryers. No compliance testing is required on a waste heat evaporator if the associated peel dryer has not been operated during the calendar year. [0850002-001-AC]

Emission Limitations and Standards

A.6. Visible Emissions. Visible emissions from the dryers/WHE shall not be equal to or greater than 20% opacity. [Rule 62-296.320(b)1., F.A.C.]

A.7. Particulate Matter Emissions. Peel dryers No.1, and No. 2 are subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. For process weight rates in excess of 30 tons per hour, the respective allowable emission rates, E in pounds per hour is given below:

$$E=17.31 P^{0.16}$$

The maximum allowable particulate matter emissions for each dryer is 29.57 lb/hr. or 66.5 tons per twelve consecutive month period.
[Rule 62-296.320(4)(a), F.A.C.]

Test Methods and Procedures

A.8. The peel dryers shall be tested for visible emissions for a 30 minute period each federal fiscal year (Oct 1-Sept 30) and shall be tested for particulate matter emissions prior to permit renewal. [Rules 62-297.310(7)(a)4 and 62-213.440, F.A.C.]

A.9. Compliance with the emission limitations shall be determined each federal fiscal year (Oct.1- Sept. 30) using EPA Methods 1, 2, 3, 4, 5, 9, 10 and Method 25A or Method 18 as contained in 40 CFR 60, Appendix A, and adopted by reference in Chapter 62-297, F.A.C. or alternate sampling procedure, ASP No. 97-G-01. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. When using EPA Method 5, an acetone wash shall be used and the minimum sample volume shall be 32 dry standard cubic feet. [Rules 62-296(4)(a)(i) and 62-297.401, F.A.C.]

A.10. 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.]

A.11. Testing of emission 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 impractical to test at permitted capacity, an emission unit may be tested at less

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

than the maximum permitted capacity; in this case subsequent emission unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

Recordkeeping and Reporting Requirements

A.12. The following records shall be maintained:

Daily

- Total boxes of fruit processed
- Total combined pressed wet peel to the dryers in tons/day.
- Average daily pressed wet peel to the dryers in tons/hr.
- Total combined natural gas usage to the dryers.
- Average daily natural gas usage to the dryers in MMBtu/hr.

Daily records shall be completed by the end of the next business day

Monthly

- Total boxes of fruit processed along with the most recent consecutive 12 month total boxes of fruit processed.
- Total combined pressed wet peel to the dryers in tons/month
- Monthly average pressed wet peel input rate to the dryers in tons/hr.
- Total natural gas usage to the dryers.
- Monthly average heat input rate to the dryers in MMBtu/hr.

Monthly logs shall be completed by the 10th day of the following month.

[Rule 62-213.440(1), F.A.C.]

A.13. Test Reports

Test reports shall provide sufficient detail on the emission 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. Test reports, other than for an EPA or DEP Method 9 test, shall include at a minimum the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- 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.
- 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.

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- The type of air pollution control devices installed on the emission 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.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run for each pollutant for each unit that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emission unit, plus the test result in the same form and unit of measure.

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

A.14. The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., Stationary Sources - Emission Monitoring. [Rule 62-297.401, F.A.C.]

A.15. The permittee shall notify the Air Compliance Section of the Southeast 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.]

A.16. The visible emission tests 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.]

A.17. When the Department, after investigation, has good reason (such as complaints, increased visible emission or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emission unit to conduct compliance tests which identify the nature and quantity of pollutant emission from the emission unit and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)b, F.A.C.]

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection B. This section addresses the following emission unit.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-008	Pellet Cooler #1
-014	Pellet Cooler #2

Dried citrus peel from the dryers is feed to the citrus pellet mill coolers. The dried peel are cooled with ambient air and formed into animal feed pellets. The pellet coolers are model 30 units manufactured by CPM and are equipped with a centrifugal cyclone to control particulate emission. Commercial operation began in 1973 for Pellet Cooler #1.

Essential Potential to Emit (PTE) Parameters

B.1. Capacity. The maximum process input rate for each pellet cooler, including the moisture in the dried peel, shall not exceed 27 tons/hr. [Rule 62-210.200(PTE), F.A.C.]

B.2. Hours of Operation. The hours of operation for the pellet coolers are not limited. See Specific Condition **B.3.** [Rules 62-4.160(2), F.A.C. and Rule 62-210.200200(PTE), F.A.C.]

B.3. Fruit Throughput Limited: The owner or operator shall not process more than 25.0 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10th day of each following month. [Rule 62-4.070(3), F.A.C.]

Emission Limitations and Standards

B.4. Visible Emissions. Visible emissions from the pellet cooler shall not be equal to or greater than 20 percent opacity. [Rule 62-296.320(b)1, F.A.C.]

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

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

The maximum allowable particulate matter emissions for each pellet cooler is 27.7 lb/hr. or 62.3 tons per twelve consecutive month period.
 [Rule 62-296.320(4)(a), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Test Methods and Procedures

B.6. Visible Emission Test. Compliance with the visible emission limitation shall be determined using EPA Method 9. The pellet cooler shall be tested for visible emission for a 30 minute period each federal fiscal year (Oct 1-Sept 30). [Rule 62-297.310(7)(a), F.A.C.]

B.7. Particulate Matter Emission Test. The test method for particulate matter emission shall be EPA Method 5, incorporated and adopted by reference in Chapter 62-297, F.A.C. and shall be tested for particulate matter emissions prior to permit renewal. An acetone wash shall be used. The minimum sample volume shall be 32 dry standard cubic feet. [Rule 62-297.310(4)2a(i), F.A.C.]

B.8. 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.]

B.9. Testing of emission 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 impractical to test at permitted capacity, an emission unit may be tested at less than the maximum permitted capacity; in this case subsequent emission unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

Recordkeeping and Reporting Requirements

B.10. The following records shall be maintained:

Daily

- Total boxes of fruit processed
- Total of dry peel to the cooler in tons.
- Daily average dry peel input rate to the cooler in tons/hr.

Daily records shall be completed by the end of the next business date.

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Monthly

- Total boxes of fruit processed along with the most recent consecutive 12 month total boxes of fruit processed.
- Total peel to the cooler in tons/month.

Monthly logs shall be completed by the 10th day of the following month.

[Rule 62-213.440(1), F.A.C.]

B.11. Test Reports

Test reports shall provide sufficient detail on the emission 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. Test reports, other than for an EPA or DEP Method 9 test, shall include at a minimum the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- 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.
- 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.
- The type of air pollution control devices installed on the emission 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.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run for each pollutant for each unit that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emission unit, plus the test result in the same form and unit of measure.

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

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

B.13. The permittee shall notify the Air Compliance Section of the Southeast 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.]

B.14. The visible emission tests 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.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

B.15. When the Department, after investigation, has good reason (such as complaints, increased visible emission or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emission unit to conduct compliance tests which identify the nature and quantity of pollutant emission from the emission unit and to provide a report on the results of said tests to the Department. [Rule 62- 297.310(7) b, F.A.C.]

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- G.14 The permittee shall comply with the following:
- (a) 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.
 - (b) 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 or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information, required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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. Dave Baldwin, Plant Manager
 Louis Dreyfus Citrus, Inc.
 19100 Southwest Warfield Boulevard
 Indiantown, Florida 34956

2. Article Number
 (Transfer from service label) **7001 1140 0002 1578 1338**

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Weng Caver Agent
 Addressee

B. Received by (Printed Name) _____
 G. Date of Delivery **6-15-04**

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

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

7001 1140 0002 1578 1338

U.S. MAIL
 Dave Baldwin, Plant Manager

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
 Here

Sent To
 Mr. Dave Baldwin, Plant Manager
 Street, Apt. No.,
 or PO Box No. 19100 Southwest Warfield Boulevard
 City, State, ZIP+4
 Indiantown, Florida 34956

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. Dave Baldwin
 Plant Manager
 Louis Dreyfus Citrus, Inc.
 19100 Southwest Warfield Boulevard
 Indiantown, Florida 34956

2. Article Number
 (Transfer from service label)

7001 1140 0002 1578 1161

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Wendy Carver Agent
 Addressee

B. Received by (Printed Name) Wendy Carver
 C. Date of Delivery 5-3

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

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

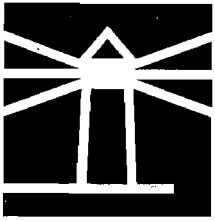
7001 1140 0002 1578 1161

Mr. Dave Baldwin, Plant Manager **OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
 Here

Sent To
 Mr. Dave Baldwin, Plant Manager
 Street, Apt. No.;
 or PO Box No. 19100 Southwest Warfield Boulevard
 City, State, ZIP+4
 Indiantown, Florida 34956



SCRIPPS HOWARD

SCRIPPS TREASURE COAST NEWSPAPERS

The Stuart News
The Port St. Lucie News

1939 S. Federal Highway, Stuart, FL 34994

AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA
COUNTY OF MARTIN; COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared, S. Darlene Mailing, who on oath says that she is Classified Inside Sales Manager of the Stuart News and the Port St. Lucie News, a daily newspaper published at Stuart in Martin County, Florida; that the attached copy of advertisement was published in the Stuart/Port St. Lucie News in the following issues below. Affiant further says that the said Stuart/Port St. Lucie News is a newspaper published in Stuart in said Martin County, Florida, with offices and paid circulation in Martin County and St. Lucie County, Florida, and that said newspapers have heretofore been continuously published in said Martin County, Florida, daily and distributed in Martin and St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or coporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The Stuart News has been entered as second class matter at the Post Offices in Stuart, Martin County, Florida and Ft. Pierce, St. Lucie County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

<u>Customer</u>	<u>Ad Number</u>	<u>Pub Date</u>	<u>Copyline</u>	<u>PO #</u>
LOUIS DREYFUS CITRUS I	616544	5/11/2004	DEP AIR PERMIT	

RECEIVED

MAY 18 2004

BUREAU OF AIR REGULATION

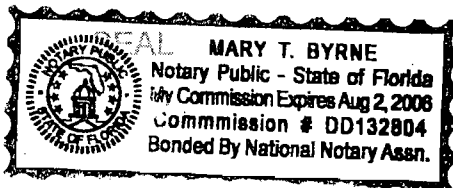
Subscribed and sworn to me before this date:

May 11, 2004

S. Darlene Mailing

Mary T Byrne

Notary Public



PUBLIC NOTICE OF INTENT
TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

DEP File No. 0850002-006-AC

Louis Dreyfus Citrus, Inc. Martin County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Louis Dreyfus Citrus, Inc. for its existing citrus juice processing facility located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The applicant's mailing address is 19100 Southwest Warfield Boulevard, Indiantown, Florida 34956. The permit is to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I.D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replace the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The proposed project is not subject to the requirements of Prevention of Significant Deterioration.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will issue the permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of 14 (fourteen) days from the date of publication of "Public Notice of Intent to Issue Air Construction Permit". Written comments should be provided to the Air Permitting Section of the Department's Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent.

Petitions filed by any other persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes, must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in the notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday except legal holidays, at:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114 Fax: 850/922-6979
Department of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6774

The complete project file includes the application, technical evaluation, draft permit and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Department's reviewing engineer for this project, Edward J. Svec, Engineer IV, at the Bureau of Air Regulation in Tallahassee, Florida, or call 850/488-0114, for additional information. Written comments directed to the Department's reviewing engineer should be sent to the following mailing address: Dept. of Environmental Protection, Bureau of Air Regulation, Mail Station #5505, Tallahassee, Florida 32399-2400.
Pub: May 11, 2004 616544

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. Signature <input checked="" type="checkbox"/> <i>Weng Caven</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Mr. Dave Baldwin, Plant Manager Louis Dreyfus Citrus, Inc. 19100 Southwest Warfield Boulevard Indiantown, Florida 34956	B. Received by (Printed Name) _____ C. Date of Delivery <i>6-15-04</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label)	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
7001 1140 0002 1578 1338	

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)

OFFICIAL USE	
Dave Baldwin, Plant Manager	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Sent To Mr. Dave Baldwin, Plant Manager	
Street, Apt. No.; or PO Box No. 19100 Southwest Warfield Boulevard	
City, State, ZIP+ 4 Indiantown, Florida 34956	
PS Form 3800, January 2001	See Reverse for Instructions

7001 1140 0002 1578 1338

Florida Department of
Environmental Protection

Memorandum

TO: Trina Vielhauer
THRU: Scott Sheplak 
FROM: Ed Svec 
DATE: April 27, 2004
SUBJECT: Louis Dreyfus Citrus, Inc.
New Citrus Peel Dryer and Pellet Cooler

Attached for approval and signature is the intent to issue an air construction permit to allow Louis Dreyfus Citrus, Inc. to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, to replace the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing at its citrus juice processing plant located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The emissions increase was limited to avoid PSD review.

I recommend your approval and signature.

April 27, 2004 is day 77 of the 90 day time clock.

Attachments

/es



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

P.E. Certification Statement

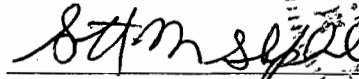
Permittee:

Louis Dreyfus Citrus, Inc.
Indiantown Facility

Permit No.: 0850002-006-AC

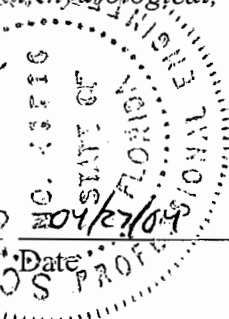
Project type: Air Construction Permit for New Peel Dryer and Pellet Cooler

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).



Scott M. Sheplak, P.E.

Registration Number: 48866



Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/921-9532
Fax: 850/922-6979



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

April 28, 2004

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Dave Baldwin
Plant Manager
Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

Re: DEP File No. 0850002-006-AC
New Citrus Peel Dryer and Pellet Cooler

Dear Mr. Baldwin:

Enclosed is one copy of the draft air construction permit to Louis Dreyfus Citrus, Inc. to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing at its citrus juice processing plant located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The Technical Evaluation and Determination, the Department's Intent to Issue Air Construction Permit and the Public Notice of Intent to Issue Air Construction Permit are also included.

The Public Notice of Intent to Issue Air Construction Permit must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Edward J. Svec at 850/921-8985.

Sincerely,

Trina Vielhauer, Chief
Bureau of Air Regulation

TV/es
Enclosures

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an
Application for Permit by:

Dave Baldwin, Plant Manager
Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

DEP File No. 0850002-006-AC
New Citrus Peel Dryer and Pellet Cooler
Martin County

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of draft permit attached) for the proposed project, detailed in the application specified above and the enclosed Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Louis Dreyfus Citrus, Inc., applied on February 9, 2004, to the Department for an air construction permit for its existing citrus juice processing facility located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The application requested approval to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, to replace the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The proposed project is not subject to the requirements of Prevention of Significant Deterioration.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to perform the proposed work.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Construction Permit. The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C., requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax: 850/922-6979). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in Section 50.051, F.S. to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of Public Notice of Intent to Issue Air Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

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

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section

120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

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 Intent to Issue Air Construction Permit (including the Public Notice of Intent to Issue Air Construction Permit, Technical Evaluation and Preliminary Determination, and the Draft permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 4/30/04 to the person(s) listed:

- Mr. Dave Baldwin, Louis Dreyfus Citrus, Inc. *
- Mr. Wayne Griffin, P.E., G2 Services Ltd.
- Mr. Tom Tittle, DEP SED

4/30/04 cc: Reading File
Ed Svec

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Balraj Srinivasan 4/30/04
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 0850002-006-AC

Louis Dreyfus Citrus, Inc.

Martin County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Louis Dreyfus Citrus, Inc. for its existing citrus juice processing facility located at 19100 Southwest Warfield Boulevard, Indiantown, Martin County. The applicant's mailing address is: 19100 Southwest Warfield Boulevard, Indiantown, Florida 34956. The permit is to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replace the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The proposed project is not subject to the requirements of Prevention of Significant Deterioration.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F.S.), before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

Mediation is not available in this proceeding.

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

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection
Bureau of Air Regulation
Suite 4, 111 S. Magnolia Drive
Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue, Suite
200
West Palm Beach, Florida 33401
Telephone: 561/681-6774

The complete project file includes the application, technical evaluation, draft permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Department's reviewing engineer for this project, Edward J. Svec, Engineer IV, at the Bureau of Air Regulation in Tallahassee, Florida, or call 850/488-0114, for additional information. Written comments directed to the Department's reviewing engineer should be sent to the following mailing address: Dept. of Environmental Protection, Bureau of Air Regulation, Mail Station #5505, Tallahassee, Florida, 32399-2400.

NOTICE TO BE PUBLISHED IN THE NEWSPAPER



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

PERMITTEE

Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

Permit No.	0850002-006-AC
Project	Citrus Peel Dryer & Pellet Cooler
SIC No.	2037
Expires:	^DRAFT

Authorized Representative:

Dave Baldwin, Plant Manager

PROJECT AND LOCATION

This permit authorizes Louis Dreyfus Citrus, Inc., to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation.

This facility is located at 19100 SW Warfield Blvd. Indiantown, Martin County; UTM Coordinates: Zone 17, 548.40 km East and 2991.50 km North; Latitude: 27° 01' 45" North and Longitude: 80° 31' 10" West.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct the emissions units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendix is a part of this permit:

Appendix GC General Permit Conditions

DRAFT

Michael G. Cooke, Director
Division of Air Resource
Management

"More Protection, Less Process"

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AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is a request to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation does not constitute a production increase. The applicant did not seek any other relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are retired Citrus Peel Dryer No. 1, I.D. 004; new Citrus Peel Dryer No. 1A, I.D. 013; existing Pellet Cooler No. 1, I.D. 008; and, new Pellet Cooler No. 2, I.D. 014.

The emissions increases associated with this project were estimated as follows in tons per year. Offsetting emissions from the removal of Citrus Peel Dryer (# 1), I. D. -004 were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	0.76/0.76	25/15	No
SO ₂	0.06	40	No
NO _x	10.0	40	No
CO	8.4	100	No
VOC	0.55	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas usage and AP-42 emission factors (tables 1.4-1 and 1.4-2), assuming a heat content of 1000 Btu/scf of natural gas, given a design heat input capacity of 93.6 MMBtu/hour and an annual fuel limitation of 400 million cubic feet of natural gas in any 12 consecutive months.

The facility information, project scope, emissions and rule applicability are described in detail in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

February 9, 2004	Received permit application (no application fee required)
February 9, 2004	Application complete
^DRAFT	Distributed Notice of Intent to Issue and supporting documents
^DRAFT	Notice of Intent published in ^DRAFT

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Permit application
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

Louis Dreyfus Citrus, Inc.
New Citrus Peel Dryer and Pellet Cooler

0850002-006-AC

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility addressed by this permit.

ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's Southeast District office Air Program, at 400 North Congress Avenue, PO Box 15425, Suite 232, West Palm Beach, Florida 33401, and phone number 561/681-6600.
2. General Conditions: The owner and operator are subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S.; Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297, F.A.C.; and, the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Expiration: This air construction permit shall expire on ^DRAFT. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rules 62-210.300(1), 62-4.070(4), 62-4.080, and 62-4.210, F.A.C.]
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southeast District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

OPERATIONAL REQUIREMENTS

9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's Southeast District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]
10. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for other emissions units. The following excess emissions provisions of state rule apply to these emissions units (emissions unit I.D. 005, 008, 013 and 014) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period.
 - (b) Excess emissions resulting from malfunction of this emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
 - (c) 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 start-up, shutdown, or malfunction shall be prohibited.

[Rules 62-210.700(1), (4) and (5), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

12. Determination of Process Variables: [Rule 62-297.310(5), F.A.C.]
 - (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

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

REPORTING AND RECORD KEEPING REQUIREMENTS

13. 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.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southeast District office within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
15. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's Southeast District office and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection A. This section addresses the following emission units.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-013	Citrus Peel Dryer (# 1A) / Waste Heat Evaporator with a medium efficiency scrubber
-005	Citrus Peel Dryer (# 2) / Waste Heat Evaporator with a medium efficiency scrubber

The new citrus peel dryer No.1A is manufactured by GUMACO, model 60. It is equipped with a 60,000 lb/hr. waste heat evaporator and a wet scrubber to control particulate matter emissions. Peel dryer No. 2 is manufactured by Cook, model 60 and is equipped with a 60,000 lb/hr. waste heat evaporator and a medium efficiency scrubber to control particulate matter emissions. Commercial operation began in 1993. The 50,000 lb/hr. waste heat evaporator from retired citrus peel dryer #1 will continue to operate on steam from the co-generation plant.

The following conditions apply to the emission units listed above:

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

A.1. Capacity.

E.U. ID No.	Maximum Heat Input MMBtu/hr.	Maximum Evaporative Capacity of the Dryer lb. H ₂ O/hr.	Maximum Process Rate tons/hour	Maximum Evaporative Capacity of the WHE lb. H ₂ O/hr.	Fuel Type
013	93.6	60,000	39	60,000	natural gas
005	93.6	60,000	39	60,000	natural gas

[Rules 62-4160(2) and 62-210. 200 (PTE), F.A.C.]

A.2. Methods of Operation. The only fuel allowed to be burned is natural gas. Total fuel use shall not exceed 400 million cubic feet of natural gas in any 12 consecutive months. Any change in fuels shall require a permit modification from the Department prior to use. [0850002-001-AC]

A.3. Hours of Operation. The hours of operation for the pellet coolers are not limited. See Specific Condition A.4. [Rules 62-4.160(2), F.A.C. and Rule 62-210.200200(PTE), F.A.C.]

A.4. Fruit Throughput Limited: The owner or operator shall not process more than 25.0 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing

Louis Dreyfus Citrus, Inc.
New Citrus Peel Dryer and Pellet Cooler

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

records and shall be completed no later than the 10th day of each following month. [Rule 62-4.070(3), F.A.C.]

A.5. The waste heat evaporators are capable of being fired with steam rather than waste heat from the peel dryers. No compliance testing is required on a waste heat evaporator if the associated peel dryer has not been operated during the calendar year. [0850002-001-AC]

Emission Limitations and Standards

A.6. Visible Emissions. Visible emissions from the dryers/WHE shall not be equal to or greater than 20% opacity. [Rule 62-296.320(b)1., F.A.C.]

A.7. Particulate Matter Emissions. Peel dryers No.1, and No. 2 are subject to Rule 62-296.320(4)(a) Process Weight Table 296.320-1, F.A.C. For process weight rates in excess of 30 tons per hour, the respective allowable emission rates, E in pounds per hour is given below:

$$E=17.31 P^{0.16}$$

The maximum allowable particulate matter emissions for each dryer is 29.57 lb/hr. or 66.5 tons per twelve consecutive month period.
[Rule 62-296.320(4)(a), F.A.C.]

Test Methods and Procedures

A.8. The peel dryers shall be tested for visible emissions for a 30 minute period each federal fiscal year (Oct 1-Sept 30) and shall be tested for particulate matter emissions prior to permit renewal. [Rules 62-297.310(7)(a)4 and 62-213.440, F.A.C.]

A.9. Compliance with the emission limitations shall be determined each federal fiscal year (Oct.1- Sept. 30) using EPA Methods 1, 2, 3, 4, 5, 9, 10 and Method 25A or Method 18 as contained in 40 CFR 60, Appendix A, and adopted by reference in Chapter 62-297, F.A.C. or alternate sampling procedure, ASP No. 97-G-01. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. When using EPA Method 5, an acetone wash shall be used and the minimum sample volume shall be 32 dry standard cubic feet. [Rules 62-296(4)(a)(i) and 62-297.401, F.A.C.]

A.10. 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.]

A.11. Testing of emission 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 impractical to test at permitted capacity, an emission unit may be tested at less

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

than the maximum permitted capacity; in this case subsequent emission unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

Recordkeeping and Reporting Requirements

A.12. The following records shall be maintained:

Daily

- Total boxes of fruit processed
 - Total combined pressed wet peel to the dryers in tons/day.
 - Average daily pressed wet peel to the dryers in tons/hr.
 - Total combined natural gas usage to the dryers.
 - Average daily natural gas usage to the dryers in MMBtu/hr.
- Daily records shall be completed by the end of the next business day*

Monthly

- Total boxes of fruit processed along with the most recent consecutive 12 month total boxes of fruit processed.
 - Total combined pressed wet peel to the dryers in tons/month
 - Monthly average pressed wet peel input rate to the dryers in tons/hr.
 - Total natural gas usage to the dryers.
 - Monthly average heat input rate to the dryers in MMBtu/hr.
- Monthly logs shall be completed by the 10th day of the following month.*
[Rule 62-213.440(1), F.A.C.]

A.13. Test Reports

Test reports shall provide sufficient detail on the emission 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. Test reports, other than for an EPA or DEP Method 9 test, shall include at a minimum the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- 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.
- 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.

AIR CONSTRUCTION PERMIT

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- The type of air pollution control devices installed on the emission 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.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run for each pollutant for each unit that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emission unit, plus the test result in the same form and unit of measure.

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

A.14. The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., Stationary Sources - Emission Monitoring. [Rule 62-297.401, F.A.C.]

A.15. The permittee shall notify the Air Compliance Section of the Southeast 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.]

A.16. The visible emission tests 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.]

A.17. When the Department, after investigation, has good reason (such as complaints, increased visible emission or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emission unit to conduct compliance tests which identify the nature and quantity of pollutant emission from the emission unit and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)b, F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection B. This section addresses the following emission unit.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-008	Pellet Cooler #1
-014	Pellet Cooler #2

Dried citrus peel from the dryers is feed to the citrus pellet mill coolers. The dried peel are cooled with ambient air and formed into animal feed pellets. The pellet coolers are model 30 units manufactured by CPM and are equipped with a centrifugal cyclone to control particulate emission. Commercial operation began in 1973 for Pellet Cooler #1.

Essential Potential to Emit (PTE) Parameters

B.1. Capacity. The maximum process input rate for each pellet cooler, including the moisture in the dried peel, shall not exceed 27 tons/hr. [Rule 62-210.200(PTE), F.A.C.]

B.2. Hours of Operation. The hours of operation for the pellet coolers are not limited. See Specific Condition B.3. [Rules 62-4.160(2), F.A.C. and Rule 62-210.200200(PTE), F.A.C.]

B.3. Fruit Throughput Limited: The owner or operator shall not process more than 25.0 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10th day of each following month. [Rule 62-4.070(3), F.A.C.]

Emission Limitations and Standards

B.4. Visible Emissions. Visible emissions from the pellet cooler shall not be equal to or greater than 20 percent opacity. [Rule 62-296.320(b)1, F.A.C.]

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

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

The maximum allowable particulate matter emissions for each pellet cooler is 27.7 lb/hr. or 62.3 tons per twelve consecutive month period. [Rule 62-296.320(4)(a), F.A.C.]

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AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Test Methods and Procedures

B.6. Visible Emission Test. Compliance with the visible emission limitation shall be determined using EPA Method 9. The pellet cooler shall be tested for visible emission for a 30 minute period each federal fiscal year (Oct 1-Sept 30). [Rule 62-297.310(7)(a), F.A.C.]

B.7. Particulate Matter Emission Test. The test method for particulate matter emission shall be EPA Method 5, incorporated and adopted by reference in Chapter 62-297, F.A.C. and shall be tested for particulate matter emissions prior to permit renewal. An acetone wash shall be used. The minimum sample volume shall be 32 dry standard cubic feet. [Rule 62-297.310(4)2a(i), F.A.C.]

B.8. 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.]

B.9. Testing of emission 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 impractical to test at permitted capacity, an emission unit may be tested at less than the maximum permitted capacity; in this case subsequent emission unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

Recordkeeping and Reporting Requirements

B.10. The following records shall be maintained:

Daily

- Total boxes of fruit processed
- Total of dry peel to the cooler in tons.
- Daily average dry peel input rate to the cooler in tons/hr.

Daily records shall be completed by the end of the next business date.

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Monthly

- Total boxes of fruit processed along with the most recent consecutive 12 month total boxes of fruit processed.
- Total peel to the cooler in tons/month.

Monthly logs shall be completed by the 10th day of the following month.

[Rule 62-213.440(1), F.A.C.]

B.11. Test Reports

Test reports shall provide sufficient detail on the emission 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. Test reports, other than for an EPA or DEP Method 9 test, shall include at a minimum the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- 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.
- 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.
- The type of air pollution control devices installed on the emission 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.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run for each pollutant for each unit that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emission unit, plus the test result in the same form and unit of measure.

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

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

B.13. The permittee shall notify the Air Compliance Section of the Southeast 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.]

B.14. The visible emission tests 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.]

AIR CONSTRUCTION PERMIT

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B.15. When the Department, after investigation, has good reason (such as complaints, increased visible emission or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emission unit to conduct compliance tests which identify the nature and quantity of pollutant emission from the emission unit and to provide a report on the results of said tests to the Department. [Rule 62- 297.310(7) b, F.A.C.]

TECHNICAL EVALUATION AND DETERMINATION

1 APPLICANT NAME AND ADDRESS

Louis Dreyfus Citrus, Inc.
19100 Southwest Warfield Boulevard
Indiantown, Florida 34956

Authorized Representative: Dave Baldwin, Plant Manager

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The project is a request to replace the existing 30,000 pounds per hour peel dryer (Emissions Unit I. D. -004) with a new peel dryer capable of drying 60,000 pounds per hour of wet peel; install a second 27 tons per hour pellet cooler; and, the replacement of the operating hour limitations on the peel dryers and pellet coolers with a cap on total fruit processing. The applicant states that the substitution of 25 million boxes of fruit processed annually for the currently allowable 4,500 annual hours of operation does not constitute a production increase. The applicant did not seek any other relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are retired Citrus Peel Dryer No. 1, I.D. 004; new Citrus Peel Dryer No. 1A, I.D. 013; existing Pellet Cooler No. 1, I.D. 008; and, new Pellet Cooler No. 2, I.D. 014.

The emissions increases associated with this project were estimated as follows in tons per year. Offsetting emissions from the removal of Citrus Peel Dryer (# 1), I. D. -004 were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	0.76/0.76	25/15	No
SO ₂	0.06	40	No
NO _x	10.0	40	No
CO	8.4	100	No
VOC	0.55	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas usage and AP-42 emission factors (tables 1.4-1 and 1.4-2), assuming a heat content of 1000 Btu/scf of natural gas, given a design heat input capacity of 93.6 MMBtu/hour and an annual fuel limitation of 400 million cubic feet of natural gas in any 12 consecutive months.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212 and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM₁₀, carbon monoxide, SO₂, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant exceeds 100 tons per year (TPY). The Department has previously found that citrus juice processing facilities such as this facility have potential emissions of VOC exceeding 250 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant (VOC), the facility is also an existing Major Facility with respect to Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD). The net increase in emissions of PM/PM₁₀, NO_x, SO₂, CO and VOC do not exceed the PSD significance levels of Table 212.400-2 of Chapter 62-212, F.A.C. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C., for these pollutants.

The applicant stated that this facility is not a major source of hazardous air pollutants (HAPs). This project is not subject to a case-by-case MACT determination, per Rule 62-204.800(10)(d)2, F.A.C., because it does not result in the construction or reconstruction of a major source of HAP emissions. This project is not subject to any requirements under the National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or 63.

3 SOURCE IMPACT ANALYSIS

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

4 EXCESS EMISSIONS

Excess emissions for this emissions unit are specified in Section II of the permit. This permitting action does not change any authorization for excess emissions provided by other Department permits for other emissions units

5 LIMITS AND COMPLIANCE REQUIREMENTS

The permit limits the total fruit processed by the plant in a 12-month period as the method of limiting emissions. Additional specific emission limits were not imposed because the potential emissions are well below the PSD significance criteria. The operating limits and the compliance requirements are detailed in Section III of the permit.

6 PRELIMINARY DETERMINATION

Based on the foregoing technical evaluation of the application and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow the installation of a replacement citrus peel dryer; a new pellet cooler; and replace the operating hours limit with a maximum annual fruit throughput, subject to the terms and conditions of the draft permit.

7 FINAL DETERMINATION

^DRAFT (This section will be revised when a final permit is issued for this project.)

DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:

Edward J. Svec, Engineer IV
Department of Environmental Protection
Bureau of Air Regulation
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- G.14 The permittee shall comply with the following:
- (a) 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.
 - (b) 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 or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information, required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>Wendy Carver</i>
1. Article Addressed to: Mr. Dave Baldwin Plant Manager Louis Dreyfus Citrus, Inc. 19100 Southwest Warfield Boulevard Indiantown, Florida 34956	B. Received by (Printed Name) <i>Wendy CARVER</i> C. Date of Delivery <i>5-3</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:
2. Article Number (Transfer from service label)	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540	

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
7001 1140 0002 1578 1161	Mr. Dave Baldwin, Plant Manager U S E
Postage \$ Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$	Postmark Here
Sent To Mr. Dave Baldwin, Plant Manager Street, Apt. No.; or PO Box No. 19100 Southwest Warfield Boulevard City, State, ZIP+ 4 Indiantown, Florida 34956	
PS Form 3800, January 2001 See Reverse for Instructions	

G2 Services Ltd.

CONSULTING ENGINEERS

3119 Lithia Pinecrest Rd.
Valrico, Florida 33594

Phone (813) 685-9727
Fax (813) 684-1691
G2Services@aol.com

February 6, 2004

RECEIVED

FEB 09 2004

Florida Department of
Environmental Protection
Division of Air Resources Management, MS5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

BUREAU OF AIR REGULATION

ATTN: Ed Svec

Re: Louis Dreyfus Indiantown
#0850002

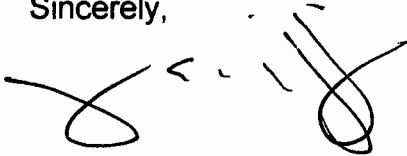
Gentlemen:

Enclosed herewith are the following items for your review:

1. Four (4) sets of construction permit applications
2. Four (4) sets of supplemental documents

Should you have any questions please do not hesitate to contact me at my office.

Sincerely,



Wayne E. Griffin, P.E.
Managing Partner

cc: Dave Baldwin
Paul Ballentine

Weg: cms



Department of Environmental Protection

RECEIVED

Division of Air Resources Management FEB 09 2004

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Louis Dreyfus Citrus, Inc.	
2. Site Name: Louis Dreyfus Citrus Indiantown	
3. Facility Identification Number: 0850002 [] Unknown	
4. Facility Location: Indiantown Street Address or Other Locator: 19100 SW Warfield Blvd. City: Indiantown County: Martin Zip Code: 34956	
5. Relocatable Facility? [] Yes [x] No	6. Existing Permitted Facility? [x] Yes [] No

Application Contact

1. Name and Title of Application Contact: Dave Baldwin, Plant Manager	
2. Application Contact Mailing Address: POB 1980 Organization/Firm: Louis Dreyfus Citrus, Inc. Street Address: 19100 SW Warfield Blvd. City: Indiantown State: FL Zip Code: 34956	
3. Application Contact Telephone Numbers: Telephone: (772) 597-3511 Fax: (772) 597-2596	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	2-9-2004
2. Permit Number:	0850002-006-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

- Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: _____

- Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: _____

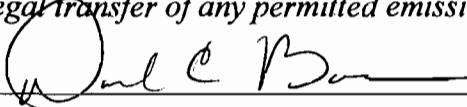
Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Dave Baldwin, Plant Manager
2. Owner/Authorized Representative or Responsible Official Mailing Address: POB 1980 Organization/Firm: Louis Dreyfus Citrus, Inc. Street Address: 19100 SW Warfield Blvd. City: Indiantown State: FL Zip Code: 34956
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (772) 597-3511 Fax: (772) 597-2596
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [], if so) or the responsible official (check here [X], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature _____ Date <u>1-29-04</u>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Wayne E. Griffin Registration Number: 19974
2. Professional Engineer Mailing Address: Organization/Firm: G2 Services, Ltd. Street Address: 3119 Lithia Pinecrest Rd. City: Valrico State: FL Zip Code: 33594
3. Professional Engineer Telephone Numbers: Telephone: (813) 685-9727 Fax: (813) 684-1691

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

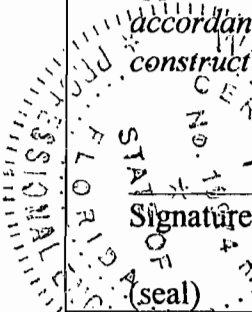
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



Signature

Date

*Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
004	DRYER #1	REMOVE	0
NONE	DRYER #1A	TITLE V	0

Application Processing FeeCheck one: Attached - Amount: \$ 0 Not Applicable

Construction/Modification Information

1. **Description of Proposed Project or Alterations:**

Remove existing 30,000 #/hr peel dryer and replace with 60,000 #/hr peel dryer. The 60,000 #/hr dryer will operate with a 60,000 #/hr waste heat evaporator for emissions control. The existing 50,000 #/hr waste heat evaporator currently connected to the existing 30,000 #/hr dryer will continue to be operated on steam from the co-generation plant.

2. **Projected or Actual Date of Commencement of Construction:** 7/01/04

3. **Projected Date of Completion of Construction:** 12/31/05

Application Comment

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: East (km): 548.4 North (km): 2991.5			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 27° 01' 45" Longitude (DD/MM/SS): 80° 31' 10"			
3. Governmental Facility Code: O	4. Facility Status Code: A	5. Facility Major Group SIC Code: 20	6. Facility SIC(s): 2033,2037,2048
7. Facility Comment (limit to 500 characters): Citrus processor fka Caulkins Indiantown Citrus			

Facility Contact

1. Name and Title of Facility Contact: Dave Baldwin, Plant Manager	
2. Facility Contact Mailing Address: POB 1980 Organization/Firm: Louis Dreyfus Citrus, Inc. Street Address: 19100 SW Warfield Blvd. City: Indiantown State: FL Zip Code: 34956	
3. Facility Contact Telephone Numbers: Telephone: (772) 597-3511 Fax: (772) 597-2596	

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
9. Facility Regulatory Classifications Comment (limit to 200 characters):	

List of Applicable Regulations

ON FILE	

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM					
CO					
SO ₂					
NO _x					

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input checked="" type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)**

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one) <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). <input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions. <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one) <input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit. <input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters): PEEL DRYER #1A			
4. Emissions Unit Identification Number: <input checked="" type="checkbox"/> No ID <input type="checkbox"/> ID Unknown ID:			
5. Emissions Unit Status Code: C	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code: 20	8. Acid Rain Unit? [N]
9. Emissions Unit Comment: (Limit to 500 Characters)			

Emissions Unit Control Equipment

<p>1. Control Equipment/Method Description (Limit to 200 characters per device or method): INTEGRAL WASTE HEAT EVAPORATOR WITH WET SCRUBBER. SCRUBBER WATER IS DISCHARGED TO EXISTING PERMITTED TREATMENT/DISPOSAL SYSTEM.</p>
<p>2. Control Device or Method Code(s):</p>

Emissions Unit Details

<p>1. Package Unit: Manufacturer: GUMACO Model Number: 60</p>						
<p>2. Generator Nameplate Rating: MW</p>						
<p>3. Incinerator Information:</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Dwell Temperature:</td> <td style="text-align: right;">°F</td> </tr> <tr> <td style="text-align: right;">Dwell Time:</td> <td style="text-align: right;">seconds</td> </tr> <tr> <td style="text-align: right;">Incinerator Afterburner Temperature:</td> <td style="text-align: right;">°F</td> </tr> </table>	Dwell Temperature:	°F	Dwell Time:	seconds	Incinerator Afterburner Temperature:	°F
Dwell Temperature:	°F					
Dwell Time:	seconds					
Incinerator Afterburner Temperature:	°F					

**B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	93.6	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		

**C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

List of Applicable Regulations

N/A	

**D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? PEEL DRYER #1A		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single stack			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: V	6. Stack Height: 90 feet	7. Exit Diameter: 4 feet	
8. Exit Temperature: 180 °F	9. Actual Volumetric Flow Rate: 30,000 scfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 548.4 North (km): 2991.5			
14. Emission Point Comment (limit to 200 characters):			

E. SEGMENT (PROCESS/FUEL) INFORMATION
 (All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC): 1-02-006-02		3. SCC Units: MMCF
4. Maximum Hourly Rate: 0.09	5. Maximum Annual Rate: N/A	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0	8. Maximum % Ash: 0	9. Million Btu per SCC Unit: 1040
10. Segment Comment (limit to 200 characters): 94.00 MMBTU/Hr max heat input 8760 hrs of operation		

Segment Description and Rate: Segment n/a of

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

**F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	N/A		NS
SO ₂	N/A		NS
NO _x	N/A		NS
PM ₁₀	N/A		NS
CO	N/A		NS

**G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)**

Potential/Fugitive Emissions

1. Pollutant Emitted: n/a		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		4. Synthetically Limited? [] tons/year	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: Reference:		7. Emissions Method Code:	
8. Calculation of Emissions (limit to 600 characters):			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:		2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units:		4. Equivalent Allowable Emissions: lb/hour tons/year	
5. Method of Compliance (limit to 60 characters):			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):			

**H. VISIBLE EMISSIONS INFORMATION
(Only Regulated Emissions Units Subject to a VE Limitation)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: n/a	2. Basis for Allowable Opacity: [] Rule [] Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment (limit to 200 characters): Not currently tested	

**I. CONTINUOUS MONITOR INFORMATION
(Only Regulated Emissions Units Subject to Continuous Monitoring)**

Continuous Monitoring System: Continuous Monitor 1 of 1 n/a

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [] Other	
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable



Department of Environmental Protection RECEIVED

Division of Air Resources Management

FEB 09 2004

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

BUREAU OF AIR REGULATION

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Louis Dreyfus Citrus, Inc.	
2. Site Name: Louis Dreyfus Citrus Indiantown	
3. Facility Identification Number: 0850002 [] Unknown	
4. Facility Location: Indiantown Street Address or Other Locator: 19100 SW Warfield Blvd. City: Indiantown County: Martin Zip Code: 34956	
5. Relocatable Facility? [] Yes [x] No	6. Existing Permitted Facility? [x] Yes [] No

Application Contact

1. Name and Title of Application Contact: Dave Baldwin, Plant Manager	
2. Application Contact Mailing Address: POB 1980 Organization/Firm: Louis Dreyfus Citrus, Inc. Street Address: 19100 SW Warfield Blvd. City: Indiantown State: FL Zip Code: 34956	
3. Application Contact Telephone Numbers: Telephone: (772) 597-3511 Fax: (772) 597-2596	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	2-9-2004
2. Permit Number:	0850002-006-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.
Current construction permit number: _____
- Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.
Current construction permit number: _____
Operation permit number to be revised: _____
- Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)
Operation permit number to be revised/corrected: _____
- Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.
Operation permit number to be revised: _____
Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature

Date

(seal)

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
004	DRYER #1	REMOVE	0
NONE	DRYER #1A	TITLE V	0

Application Processing Fee

Check one: Attached - Amount: \$ 0 Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Remove existing 30,000 #/hr peel dryer and replace with 60,000 #/hr peel dryer. The 60,000 #/hr dryer will operate with a 60,000 #/hr waste heat evaporator for emissions control. The existing 50,000 #/hr waste heat evaporator currently connected to the existing 30,000 #/hr dryer will continue to be operated on steam from the co-generation plant.

2. Projected or Actual Date of Commencement of Construction: 7/01/04

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Application Comment

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Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
9. Facility Regulatory Classifications Comment (limit to 200 characters):	

List of Applicable Regulations

ON FILE	

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM					
CO					
SO ₂					
NO _x					

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
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3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input checked="" type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)**

Emissions Unit Description and Status

<p>1. Type of Emissions Unit Addressed in This Section: (Check one)</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).</p> <p><input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.</p>			
<p>2. Regulated or Unregulated Emissions Unit? (Check one)</p> <p><input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.</p> <p><input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.</p>			
<p>3. Description of Emissions Unit Addressed in This Section (limit to 60 characters): PEEL DRYER #1A</p>			
<p>4. Emissions Unit Identification Number: ID:</p>			<p><input checked="" type="checkbox"/> No ID <input type="checkbox"/> ID Unknown</p>
<p>5. Emissions Unit Status Code: C</p>	<p>6. Initial Startup Date:</p>	<p>7. Emissions Unit Major Group SIC Code: 20</p>	<p>8. Acid Rain Unit? [N]</p>
<p>9. Emissions Unit Comment: (Limit to 500 Characters)</p>			

Emissions Unit Control Equipment

<p>1. Control Equipment/Method Description (Limit to 200 characters per device or method):</p> <p>INTEGRAL WASTE HEAT EVAPORATOR WITH WET SCRUBBER. SCRUBBER WATER IS DISCHARGED TO EXISTING PERMITTED TREATMENT/DISPOSAL SYSTEM.</p>
<p>2. Control Device or Method Code(s):</p>

Emissions Unit Details

1. Package Unit:	Manufacturer: GUMACO	Model Number: 60
2. Generator Nameplate Rating:	MW	
3. Incinerator Information:	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

**B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	93.6	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		

**C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

List of Applicable Regulations

N/A	

**D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? PEEL DRYER #1A		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single stack			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: V	6. Stack Height: 90 feet	7. Exit Diameter: 4 feet	
8. Exit Temperature: 180 °F	9. Actual Volumetric Flow Rate: 30,000 scfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 548.4 North (km): 2991.5			
14. Emission Point Comment (limit to 200 characters):			

E. SEGMENT (PROCESS/FUEL) INFORMATION
 (All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC): 1-02-006-02		3. SCC Units: MMCF
4. Maximum Hourly Rate: 0.09	5. Maximum Annual Rate: N/A	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0	8. Maximum % Ash: 0	9. Million Btu per SCC Unit: 1040
10. Segment Comment (limit to 200 characters): 94.00 MMBTU/Hr max heat input 8760 hrs of operation		

Segment Description and Rate: Segment n/a of

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

**F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	N/A		NS
SO ₂	N/A		NS
NO _x	N/A		NS
PM ₁₀	N/A		NS
CO	N/A		NS

**G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)**

Potential/Fugitive Emissions

1. Pollutant Emitted: n/a		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		4. Synthetically Limited? []	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: Reference:		7. Emissions Method Code:	
8. Calculation of Emissions (limit to 600 characters):			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:		2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units:		4. Equivalent Allowable Emissions: lb/hour tons/year	
5. Method of Compliance (limit to 60 characters):			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):			

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

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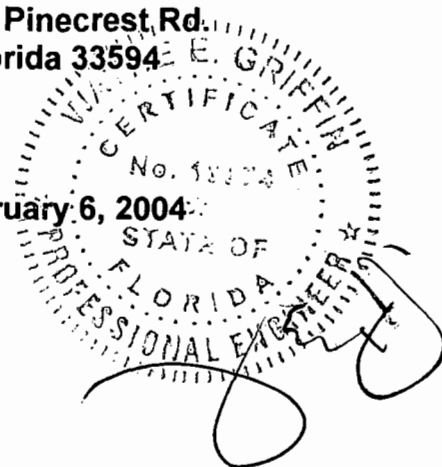
BUREAU OF AIR REGULATION

ENGINEERING SUPPLEMENT

PREPARED FOR: Louis Dreyfus Citrus
POB 1980
Indiantown, Florida 34956

PREPARED BY: G2 Services, Ltd
3119 Lithia Pinecrest Rd.
Valrico, Florida 33594

DATE: February 6, 2004



GENERAL

We are requesting replacement of EU #004, a 30,000 #/hr peel dryer with a 60,000 #/hr dryer and installation of a second 27 tph pellet cooler. We are also requesting replacement of the process rate limits for the existing dryers (Permit condition III.A.1) and the pellet cooler (Permit condition III.B.1) with an overall facility limit of 25,000,000 boxes per year. The operating hours limits in specific conditions III.A.3 and III.B.2 should be deleted.

Products include citrus concentrate, animal feed, and essential citrus oils. The facility processes oranges and/or grapefruit over a 220 day operating season. The primary product is concentrated juice. Cold storage facilities are used to store concentrate, pulp, and essential oils for year round use. Off season, normally July through October, processing includes blending of products for clients, bulk sales, and packaging.

EQUIVALENT BOX CALCULATION

Current limit= 27 tph for Peel Dryer #1 and 39 tph for Peel Dryer #2

Total press cake throughput= 27+39= 66 tph

Permitted operating hours= 4500 hrs

Annual press cake throughput= 66 tph X 4500 hrs = 297,000 tons

Design moisture of press cake= 65%

38 # of peel/ box of fruit @ 82% moisture

Equivalent #boxes= $\frac{297,000 \text{ tpy} (1-0.65) \times 2000 \text{ #/tn}}{38\# \times (1-0.82)} = \underline{30,394,737 \text{ boxes}}$

Requested Permit Limit = 25,000,000 boxes per year

EQUIPMENT

FEEDMILL

2@ 60,000 #/hr water removal rate peel dryers

1@ 27 tph pellet cooler existing; 1 new 27 tph pellet cooler

3 wasteheat evaporators (60,000 #/hr, 60,000 #/hr, and 40,000 #/hr)

Wet peel from the juice extractors is pumped to a reaction tank at the feedmill. After the addition of lime the peel is dewatered in presses prior to drying. The pressed peel will be distributed to either of the two (2) dryers. The dried peel is pelletized and cooled prior to storage. The coolers will exhaust thru cyclones to roof vents. The hot exhaust from the dryers is sent to its own wasteheat evaporator and is scrubbed prior to discharge. The smaller wasteheat evaporator is driven by steam and doesn't have any emissions.

EMISSIONS

DRYER

The replacement of EU #004 with the larger dryer will include an increase in the burner size from 42.6 MMBTU to 93.6 MMBTU. Although the emission rate per hour will increase due to the increased gas usage, the facility has an overall gas limit of 400 mmcf, which is not proposed for modification. The emissions are based on 50% of the overall gas allocation or 200 mmcf.

NO_x

Emission Factor: 100 #/mmcf AP42 Table 1.4-1
Gas Usage: 200 mmcf/yr

Emissions: $200 \times 100 \text{ #}/2000 \text{ #/TN} = \underline{10 \text{ tons/year}}$

CO

Emission factor: 84 #/mmcf AP42 Table 1.4-1
Gas Usage: 200 mmcf

Emission: $200 \times 84 \text{ #}/2000 \text{ #/TN} = \underline{8.4 \text{ tons/year}}$

PARTICULATES

Emission Factor: 7.6 #/mmcf AP42 Table 1.4-2
Gas Usage: 200 mmcf

Emissions: $200 \times 7.6 \text{ #}/2000 \text{ #/TN} = \underline{0.76 \text{ tons/year}}$

VOC

Emission Factor: 5.5 #/mmcf AP42 Table 1.4-2

Emissions: $200 \times 5.5 \text{ #}/2000 \text{ #/TN} = \underline{0.55 \text{ tons/year}}$

SO₂

Emission Factor: 0.6 #/mmcf AP42 Table 1.4-2

Emissions: $200 \times 0.6 \text{ #}/2000 \text{ #/TN} = \underline{0.06 \text{ tons/year}}$

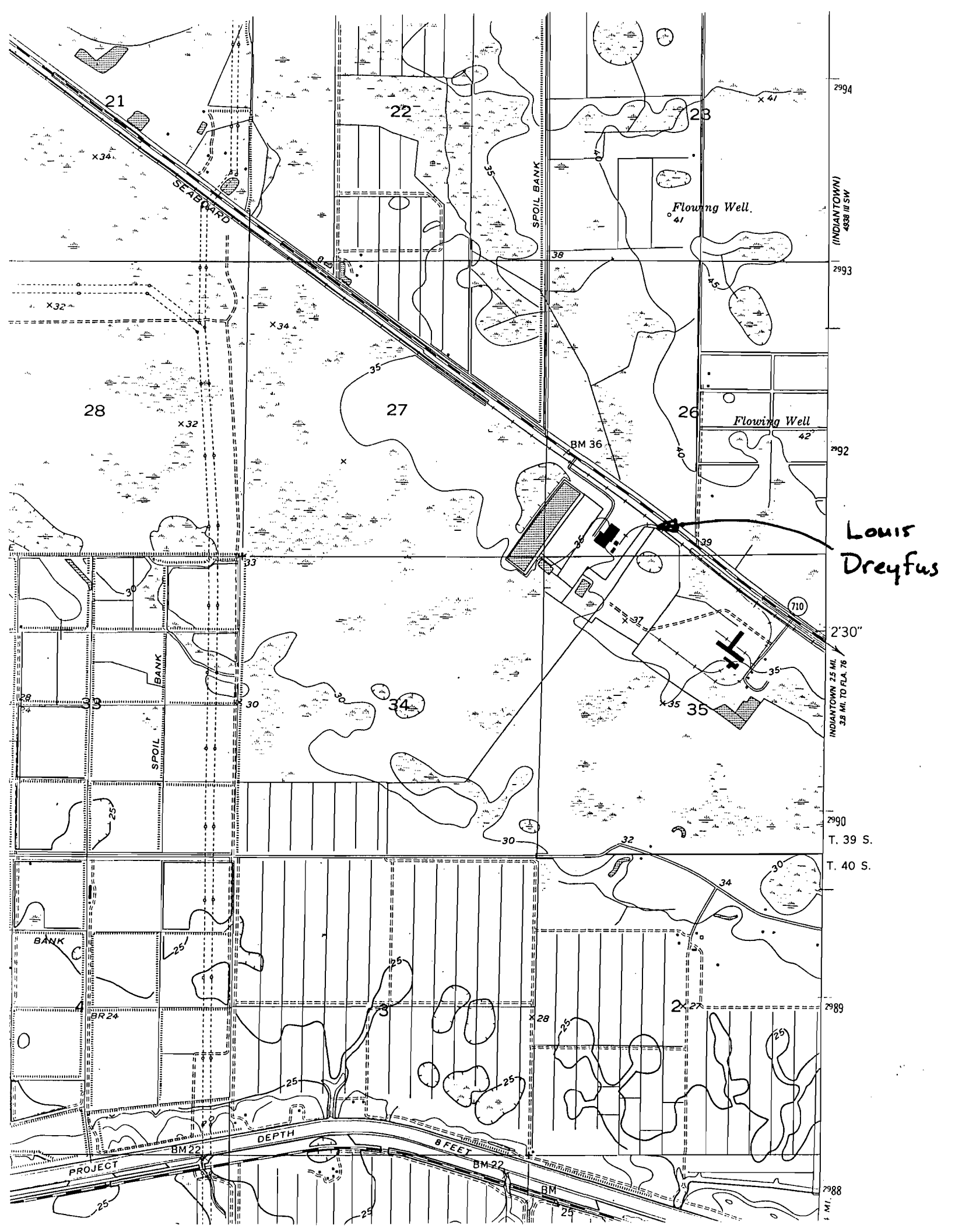
PELLET COOLER #2

The existing pellet cooler emissions were measured on 2/06/2003 during the annual compliance testing. The particulate emission rate was 0.2052 #/hr.

Particulates

Emission Factor: 0.2052 #/hr

Emissions: $4500\text{hrs} \times 0.2052 \text{ \#/hr} / 2000\text{\#/tn} = 0.46 \text{ tn/yr}$



21

22

23

2994

(INDIANTOWN)
4936 III SW

2993

2992

2'30"

2990

T. 39 S.

T. 40 S.

2989

2988

MI.

X34

SEABARD

SPOIL BANK

Flowing Well
41

X32

X34

28

X32

27

BM 36

Flowing Well
42

Louis
Dreyfus

SPOIL BANK

710

INDIANTOWN 2.5 MI.
3.8 MI. TO FLA. 76

28

30

30

34

30

32

BANK

25

25

25

25

25

25

25

25

25

BM 24

25

25

25

25

25

25

DEPTH

8 FEET

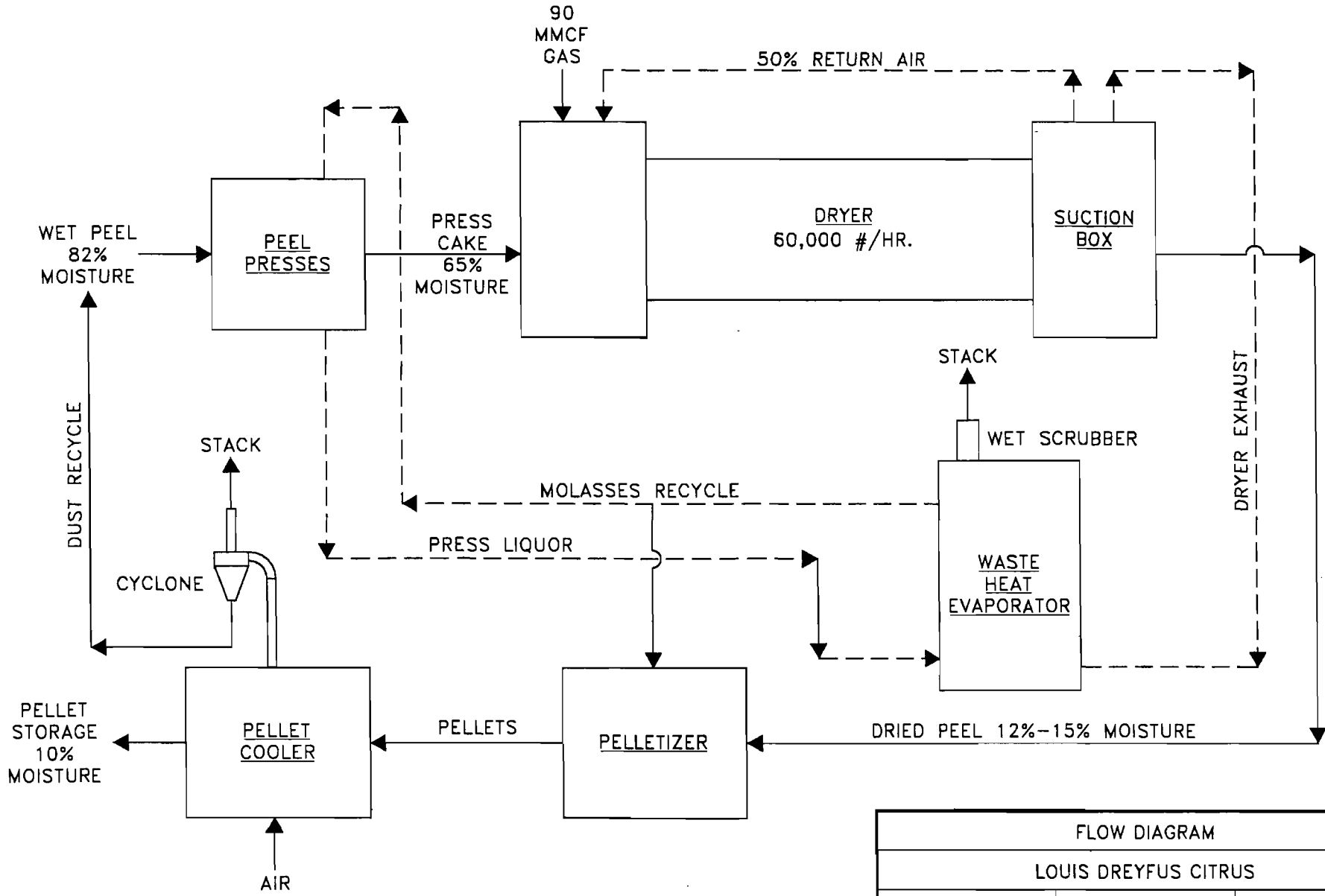
PROJECT

BM 22

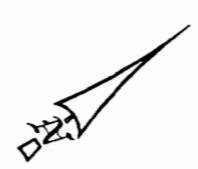
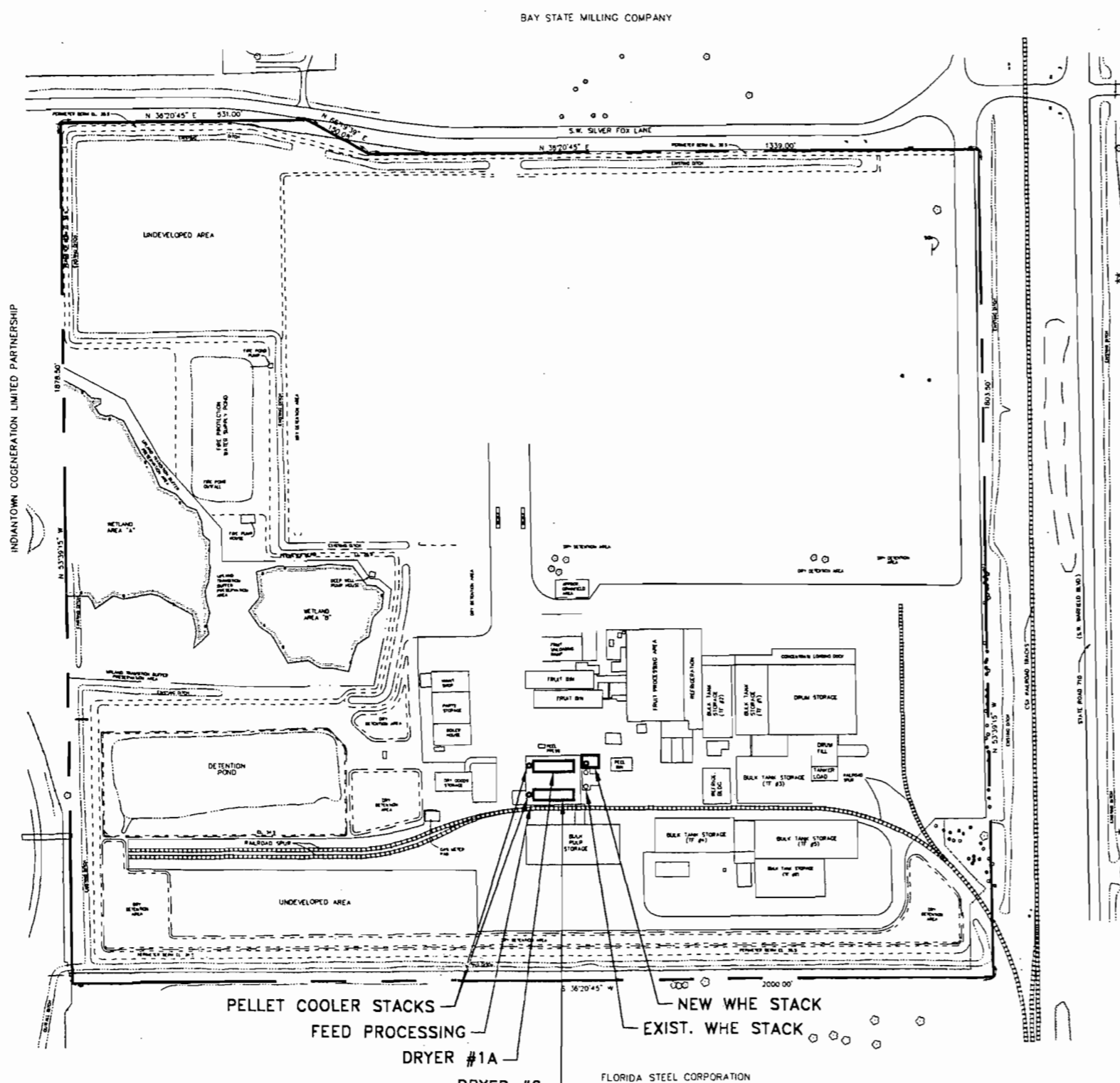
BM 22

BM

25



FLOW DIAGRAM		
LOUIS DREYFUS CITRUS		
DRAWN BY: E. POWERS	DATE: 2/4/04	SCALE: N.T.S.
G2 SERVICES, LTD.		
3119 LITHIA PINECREST RD., VALRICO, FL 33594		



SITE PLAN		
LOUIS DREYFUS CITRUS		
DRAWN BY: E. POWERS	DATE: 2/1/04	SCALE: 1"=300'
G2 SERVICES, LTD.		
3119 LITHIA PINECREST RD., VALRICO, FL 33594		

LOUIS DREYFUS CITRUS INDIANTOWN

FACILITY INFORMATION

Louis Dreyfus Citrus Indiantown produces various citrus juice products and animal feed at its Indiantown processing plant. The facility is located on Kanner Hwy. The SIC codes for this facility are 2033,2037, and 2048.

FACILITY PROCESSING OPERATIONS

This facility includes juice processing and animal feed production operations.

JUICE PROCESSING

Freshly harvested whole citrus fruit is delivered to the plant by trucks. Upon being unloaded, the fruit is conveyed to the fruit bins for temporary storage. From the bins, it is conveyed to the fruit washing equipment for cleaning prior to the extraction of the juice. On route to the extractors it is mechanically separated by size. Each size is conveyed to the back of the extractors, which have been adjusted to handle fruit of that size. The extractors then mechanically extract citrus oil from the outermost layer of the peel on the exterior of the fruit while also mechanically extracting the juice from the interior of the fruit.

The residue remaining upon completion of the extraction of the juice and the citrus oil consists of the particles of citrus peel and citrus pulp. This peel and pulp residual is conveyed to the feed mill for further processing into animal feed. The extracted juice is conveyed to the juice evaporators or to the pasteurizers for further processing.

The citrus oil is conveyed directly to storage for subsequent use or sale, primarily as an aromatic flavoring ingredient used in various foods, polishes, and hair products. It is also used to give fruit juices the natural citrus aroma.

The juice evaporators remove 80% of the water from the citrus juice. This concentrated product is stored for future reconstituting in juice.

The removal of the water fraction of the juice is accomplished within the juice evaporators by the induction of a negative pressure, which is sufficient to vaporize most of the water fraction. The rate of evaporation is facilitated by moderately increasing the temperature within the juice evaporators. The evaporation process also removes the aromatic components of the juice, which have to be re-blended back into the juice prior to sale.

FEED MILL FACILITIES

The citrus peel, seeds, and leaves which remain after juice extraction are processed through the feedmill where they are pressed, dried, and pelletized for distribution as animal feed. After juice extraction, peel is pumped to a small storage bin at the feedmill. Wet peel is ground, mixed with lime and molasses,

then pressed to mechanically remove excess moisture. The resulting press cake is dried in the peel dryer(s) then compressed into pellets in the pellet mill(s). Press liquor, the water removed by the presses, is processed through the waste heat evaporator to produce molasses, which is recycled into the pressing operation or stored for outside sale. The exhaust from the peel dryer is used by the waste heat evaporator(s) as a heat source to evaporate the press liquor into molasses and recover d'limonene as a by-product.

FACILITY EMISSIONS

Louis Dreyfus Citrus has identified a total of six regulated air pollutants, which can potentially be emitted in significant quantities. These pollutants include: VOC, CO, PM, PM₁₀, SO₂, and NO_x. Of these, VOC, CO, and NO_x are expected to exceed 100 tons per year. The facility doesn't burn oil so the SO₂ emissions are low. The particulate emissions are limited due to the scrubbing in the waste heat evaporators.

LOUIS DREYFUS CITRUS INDIANTOWN

PERMITTED SOURCES

EU 004	30,000 #/hr Peel Dryer #1 to be replaced
EU 005	60,000 #/hr Peel Dryer #2
EU 008	Pellet Cooler #1 27 tph
EU 009	1000 hp Boiler #1 approved but not installed
EU 011	1000 hp Boiler #2 approved but not installed
EU 010	1000 hp Boiler #3 approved but not installed
EU 012	1000 hp Boiler #4 approved but not installed

List of Insignificant Emissions Units and/or Activities.

Louis Dreyfus Citrus
Indiantown Facility

Permit No.: 0850002-005-AV
Facility ID No.: 0850002

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. Nitrogen Tanks.
2. 55 Gal. drums of KOH caustic cleaner
3. Heat Seal Machine (Electric)
4. Caustic Cleaning of Product tanks, lines, equipment
5. Storage of Caustic
6. Chlorination and Chlorine Cylinders
7. Storage of CS138 (Iodine Solution)
8. Caustic Make-up Tank
9. Welding (Mig & Acetylene)
10. Air Compressors
11. Minimal Spot Painting (Spray cans touch-up)
12. Rotary Saw Not continuous, occasional cutting to build
13. Refrigeration Equipment
14. Water Base Painting of floors and walls
15. Sodium/Potassium Hydroxide storage tank
16. Nitric Acid storage tank
17. Sodium Hydroxide tank
18. Enclosed Blasting Cabinet
19. Pressurized CO₂ Tank
20. Lime handling, storage, and wet blending
21. Process, packaging, QA, QC, research and environmental labs

22. Pesticide/Herbicide/Fungicide application
23. Steam cleaning
24. Indoor Fugitives
25. Electric Vehicles
26. Transformers, switchgear, etc.
27. Vacuum pumps
28. Hydraulic equipment
29. Maintenance Shop Parts Washer
30. Cooling Tower
31. Dried pellet handling
32. Wastewater disposal
33. Methanol production from peel decomposition.

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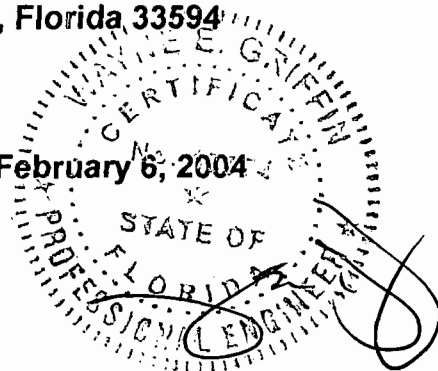
BUREAU OF AIR REGULATION

ENGINEERING SUPPLEMENT

PREPARED FOR: Louis Dreyfus Citrus
POB 1980
Indiantown, Florida 34956

PREPARED BY: G2 Services, Ltd
3119 Lithia Pinecrest Rd.
Valrico, Florida 33594

DATE: February 6, 2004



GENERAL

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EQUIVALENT BOX CALCULATION

Current limit= 27 tph for Peel Dryer #1 and 39 tph for Peel Dryer #2

Total press cake throughput= 27+39= 66 tph

Permitted operating hours= 4500 hrs

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Design moisture of press cake= 65%

38 # of peel/ box of fruit @ 82% moisture

Equivalent #boxes= $\frac{297,000 \text{ tpy} (1-0.65) \times 2000 \text{ #/tn}}{38\# \times (1-0.82)} = \underline{30,394,737 \text{ boxes}}$

Requested Permit Limit = 25,000,000 boxes per year

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EMISSIONS

DRYER

The replacement of EU #004 with the larger dryer will include an increase in the burner size from 42.6 MMBTU to 93.6 MMBTU. Although the emission rate per hour will increase due to the increased gas usage, the facility has an overall gas limit of 400 mmcf, which is not proposed for modification. The emissions are based on 50% of the overall gas allocation or 200 mmcf.

NO_x

Emission Factor: 100 #/mmcf AP42 Table 1.4-1
Gas Usage: 200 mmcf/yr

Emissions: $200 \times 100 \text{ #}/2000 \text{ #/TN} = \underline{10 \text{ tons/year}}$

CO

Emission factor: 84 #/mmcf AP42 Table 1.4-1
Gas Usage: 200 mmcf

Emission: $200 \times 84 \text{ #}/2000 \text{ #/TN} = \underline{8.4 \text{ tons/year}}$

PARTICULATES

Emission Factor: 7.6 #/mmcf AP42 Table 1.4-2
Gas Usage: 200 mmcf

Emissions: $200 \times 7.6 \text{ #}/2000 \text{ #/TN} = \underline{0.76 \text{ tons/year}}$

VOC

Emission Factor: 5.5 #/mmcf AP42 Table 1.4-2

Emissions: $200 \times 5.5 \text{ #}/2000 \text{ #/TN} = \underline{0.55 \text{ tons/year}}$

SO₂

Emission Factor: 0.6 #/mmcf AP42 Table 1.4-2

Emissions: $200 \times 0.6 \text{ #}/2000 \text{ #/TN} = \underline{0.06 \text{ tons/year}}$

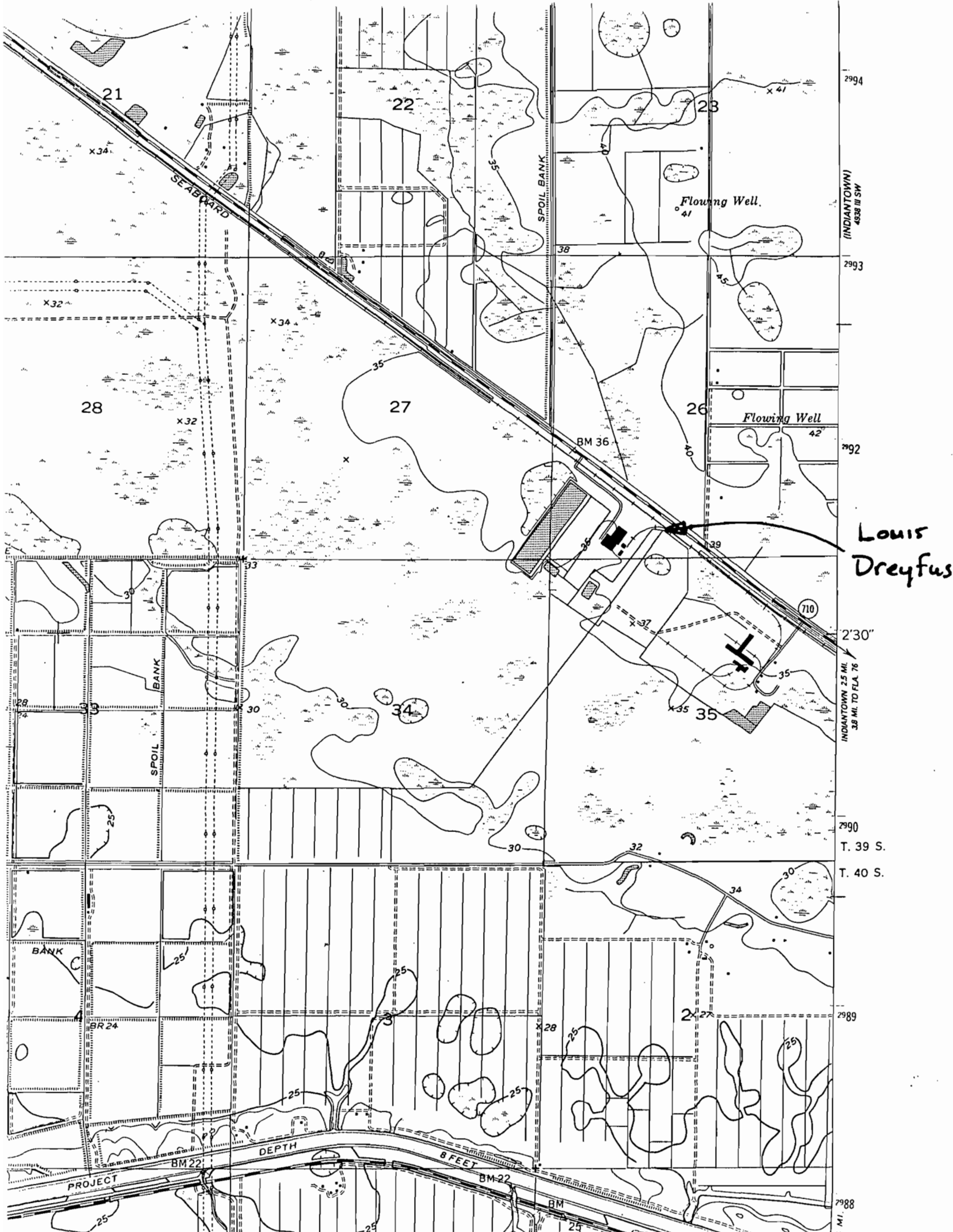
PELLET COOLER #2

The existing pellet cooler emissions were measured on 2/06/2003 during the annual compliance testing. The particulate emission rate was 0.2052 #/hr.

Particulates

Emission Factor: 0.2052 #/hr

Emissions: $4500\text{hrs} \times 0.2052 \text{ \#/hr} / 2000\text{\#/tn} = 0.46 \text{ tn/yr}$



2994

(INDIANTOWN)
4938 III SW

2993

2992

2'30"

INDIANTOWN 2.5 MI
3.8 MI. TO FLA. 76

2990

T. 39 S.

T. 40 S.

2989

2988

1 MI.

Louis
Dreyfus

Flowing Well.
41

Flowing Well
42

21

22

23

28

27

26

28

34

35

BANK

SPOIL BANK

DEPTH

8 FEET

PROJECT

BM 22

BM 22

BM

BM 36

710

x34

x32

x32

x34

x

36

39

35

32

34

30

25

25

25

24

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29

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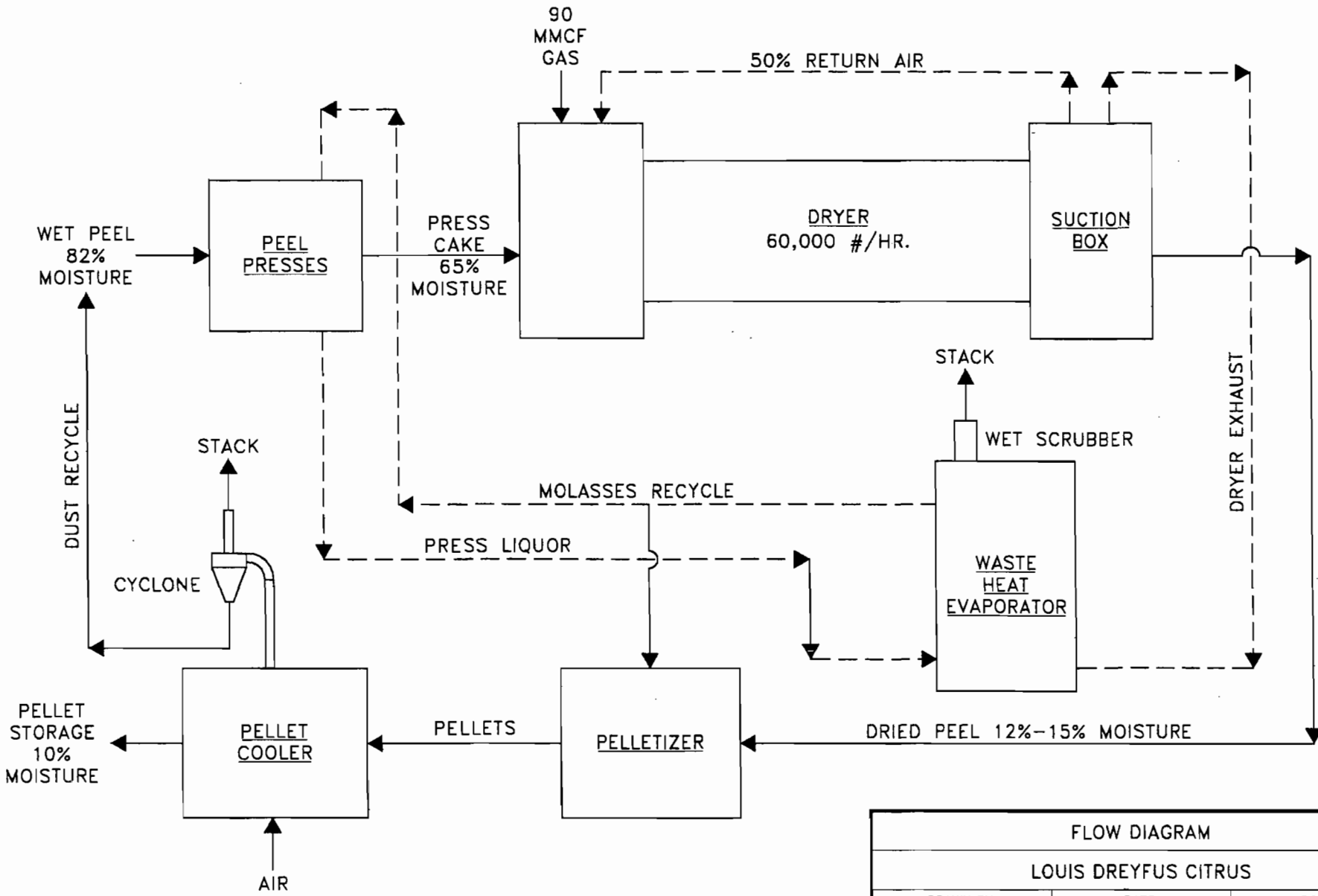
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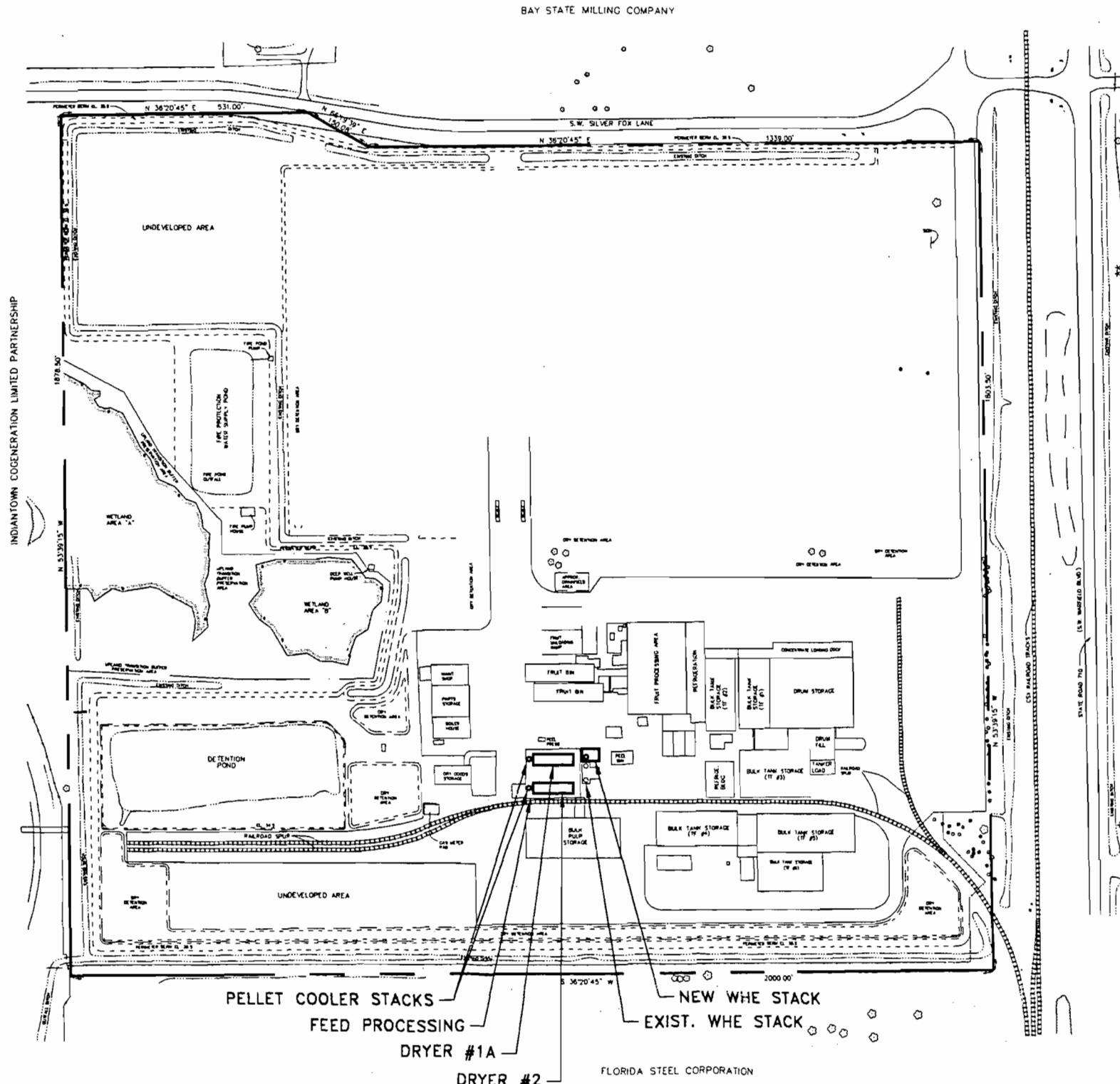
100



FLOW DIAGRAM		
LOUIS DREYFUS CITRUS		
DRAWN BY: E. POWERS	DATE: 2/4/04	SCALE: N.T.S.
G2 SERVICES, LTD.		
3119 LITHIA PINECREST RD., VALRICO, FL 33594		

Best Available Copy

LouisDreyfus/Site3 2/1/04 EP
(PLOT SCALE: 1"=300')



SITE PLAN		
LOUIS DREYFUS CITRUS		
DRAWN BY: E. POWERS	DATE: 2/1/04	SCALE: 1"=300'
G2 SERVICES, LTD.		
3119 LITHIA PINECREST RD., VALRICO, FL 33594		

LOUIS DREYFUS CITRUS INDIANTOWN

FACILITY INFORMATION

Louis Dreyfus Citrus Indiantown produces various citrus juice products and animal feed at its Indiantown processing plant. The facility is located on Kanner Hwy. The SIC codes for this facility are 2033, 2037, and 2048.

FACILITY PROCESSING OPERATIONS

This facility includes juice processing and animal feed production operations.

JUICE PROCESSING

Freshly harvested whole citrus fruit is delivered to the plant by trucks. Upon being unloaded, the fruit is conveyed to the fruit bins for temporary storage. From the bins, it is conveyed to the fruit washing equipment for cleaning prior to the extraction of the juice. On route to the extractors it is mechanically separated by size. Each size is conveyed to the back of the extractors, which have been adjusted to handle fruit of that size. The extractors then mechanically extract citrus oil from the outermost layer of the peel on the exterior of the fruit while also mechanically extracting the juice from the interior of the fruit.

The residue remaining upon completion of the extraction of the juice and the citrus oil consists of the particles of citrus peel and citrus pulp. This peel and pulp residual is conveyed to the feed mill for further processing into animal feed. The extracted juice is conveyed to the juice evaporators or to the pasteurizers for further processing.

The citrus oil is conveyed directly to storage for subsequent use or sale, primarily as an aromatic flavoring ingredient used in various foods, polishes, and hair products. It is also used to give fruit juices the natural citrus aroma.

The juice evaporators remove 80% of the water from the citrus juice. This concentrated product is stored for future reconstituting in juice.

The removal of the water fraction of the juice is accomplished within the juice evaporators by the induction of a negative pressure, which is sufficient to vaporize most of the water fraction. The rate of evaporation is facilitated by moderately increasing the temperature within the juice evaporators. The evaporation process also removes the aromatic components of the juice, which have to be re-blended back into the juice prior to sale.

FEED MILL FACILITIES

The citrus peel, seeds, and leaves which remain after juice extraction are processed through the feedmill where they are pressed, dried, and pelletized for distribution as animal feed. After juice extraction, peel is pumped to a small storage bin at the feedmill. Wet peel is ground, mixed with lime and molasses,

then pressed to mechanically remove excess moisture. The resulting press cake is dried in the peel dryer(s) then compressed into pellets in the pellet mill(s). Press liquor, the water removed by the presses, is processed through the waste heat evaporator to produce molasses, which is recycled into the pressing operation or stored for outside sale. The exhaust from the peel dryer is used by the waste heat evaporator(s) as a heat source to evaporate the press liquor into molasses and recover d'limonene as a by-product.

FACILITY EMISSIONS

Louis Dreyfus Citrus has identified a total of six regulated air pollutants, which can potentially be emitted in significant quantities. These pollutants include: VOC, CO, PM, PM₁₀, SO₂, and NO_x. Of these, VOC, CO, and NO_x are expected to exceed 100 tons per year. The facility doesn't burn oil so the SO₂ emissions are low. The particulate emissions are limited due to the scrubbing in the waste heat evaporators.

LOUIS DREYFUS CITRUS INDIANTOWN

PERMITTED SOURCES

EU 004	30,000 #/hr Peel Dryer #1 to be replaced
EU 005	60,000 #/hr Peel Dryer #2
EU 008	Pellet Cooler #1 27 tph
EU 009	1000 hp Boiler #1 approved but not installed
EU 011	1000 hp Boiler #2 approved but not installed
EU 010	1000 hp Boiler #3 approved but not installed
EU 012	1000 hp Boiler #4 approved but not installed

List of Insignificant Emissions Units and/or Activities.

Louis Dreyfus Citrus
Indiantown Facility

Permit No.: 0850002-005-AV
Facility ID No.: 0850002

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. Nitrogen Tanks.
2. 55 Gal. drums of KOH caustic cleaner
3. Heat Seal Machine (Electric)
4. Caustic Cleaning of Product tanks, lines, equipment
5. Storage of Caustic
6. Chlorination and Chlorine Cylinders
7. Storage of CS138 (Iodine Solution)
8. Caustic Make-up Tank
9. Welding (Mig & Acetylene)
10. Air Compressors
11. Minimal Spot Painting (Spray cans touch-up)
12. Rotary Saw Not continuous, occasional cutting to build
13. Refrigeration Equipment
14. Water Base Painting of floors and walls
15. Sodium/Potassium Hydroxide storage tank
16. Nitric Acid storage tank
17. Sodium Hydroxide tank
18. Enclosed Blasting Cabinet
19. Pressurized CO₂ Tank
20. Lime handling, storage, and wet blending
21. Process, packaging, QA, QC, research and environmental labs

22. Pesticide/Herbicide/Fungicide application
23. Steam cleaning
24. Indoor Fugitives
25. Electric Vehicles
26. Transformers, switchgear, etc.
27. Vacuum pumps
28. Hydraulic equipment
29. Maintenance Shop Parts Washer
30. Cooling Tower
31. Dried pellet handling
32. Wastewater disposal
33. Methanol production from peel decomposition.