

Check Sheet

Company Name: *Champion International*  
Permit Number: *AC17-145 671*  
PSD Number:  
County: *Escambia*  
Permit Engineer:  
Others involved: *Teresa*

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit

Attachments:

- 
- 
- 
- Correspondence with:
  - EPA
  - Park Services
  - County
  - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services

In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. Those documents can be found in the supplementary documents file drawer. Folders in that drawer are arranged alphabetically, then by permit number.

Folder Name: Champion International Corp.  
Escambia County  
Permit(s) numbered: AC 17-145671

Period During Which  
DOCUMENT WAS  
SUBMITTED  
(APPLICATION, PD & TE,  
FINAL DETERMINATION,  
POST PERMIT)

Application 02/19/88

Detailed Description

1. 24"x36" BLUEPRINT:  
HARDWOOD CHIPPING  
SYSTEM LOCATION PLAN  
DWG NO. 320-1-002

P 938 762 716

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED

NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, June 1985

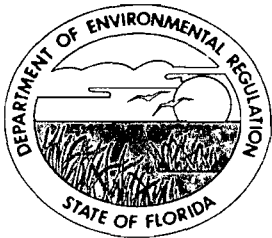
Sent to Mr. Harry Dail, Champion Int.	
Street and No. P.O. Box 87	
P.O., State and ZIP Code Cantonment, FL 32533-0087	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 10-13-89 Permit: AC 17-145671	

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

- 1.  Show to whom delivered, date, and addressee's address. (Extra charge)
- 2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Harry Dail Process Engineer, Env. Control P. O. Box 87 Cantonment, FL 32533-0087	4. Article Number P 938 762 716 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature — Address <input checked="" type="checkbox"/> _____	Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
6. Signature — Agent <input checked="" type="checkbox"/> <i>Michael Dail</i>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 16 Oct 89	



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

October 10, 1989

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Harry Dail  
Process Engineer, Environmental Control  
Champion International Corporation  
Post Office Box 87  
Cantonment, Florida 32533-0087

Dear Mr. Dail:

Re: Champion International Corporation  
File No. AC 17-145671

The Department is in receipt of your letter dated September 12, 1989, on behalf of Champion International Corp., requesting to change the expiration date of permit No. AC 17-145671.

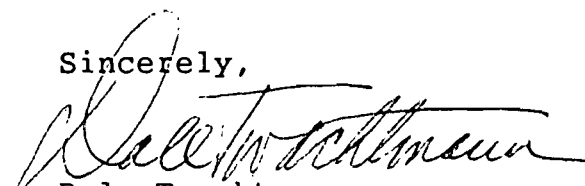
The Department has considered your request and determined that the expiration date of the above mentioned permit will be changed as per your letter of September 12, 1989.

From: September 30, 1989  
To: December 31, 1989

Attachment to be Incorporated:

Letter of September 12, 1989.

Sincerely,



Dale Twachtmann  
Secretary

DT/kt

cc: Jack Preece

attachment



RECEIVED

OCT 9 1989

State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
Office of the Secretary

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Desk: _____

# Interoffice Memorandum

TO: Dale Twachtmann

*for* FROM: Steve Smallwood *[Signature]*

DATE: October 4, 1989

SUBJ: Amendment to Construction Permit No. AC 17-145671  
Champion International Corporation

Attached for your approval and signature is a letter extending the expiration date for the above referenced construction permit.

The Division recommends approval of this amendment.

SS/TH/kt

attachment

*file copy*



RECEIVED  
SEP 14 1989  
DER-BAQ/iv

September 12, 1989

Mr. William Thomas  
State of Florida  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee FL 32399-2400

Dear Mr. Thomas:

Champion International Corporation is requesting a 60-day extension of its construction permit AC17-145671 to allow for submission and review of the Certificate of Completion of Construction for this facility. The current construction permit will expire 9/30/89.

The source does not require emissions testing and the time necessary for processing is expected to be minimized by this fact. Fugitive and unconfined particulate emissions are to be controlled by engineering design and best management practices.

I have contacted Mr. Jack Preece with your Northwest District Office to apprise him of this request.

Please call me if you have any questions at (904) 968-2121.

Sincerely,

A handwritten signature in cursive script that reads 'Harry Dail'.

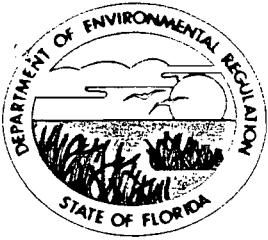
Harry Dail  
Process Engineer  
Environmental Control

HD/sa

cc: David Arceneaux, Champion  
Jack Preece, DER

*S. Neron*  
*CAF/BT*





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Daic Twachmann, Secretary

John Shearer, Assistant Secretary

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. William C. Bannan  
Vice President/Operations Manager  
Champion International Corporation  
Post Office Box 87  
Cantonment, Florida 32533

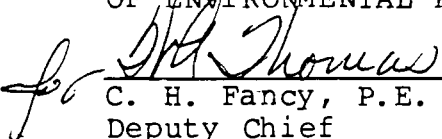
May 31, 1988

Enclosed is permit No. AC 17-145671, for Champion International Corporation to construct a woodyard chip manufacturing facility to be located at the company's kraft pulp mill in Cantonment, Escambia County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
C. H. Fancy, P.E.

Deputy Chief

Bureau of Air Quality Management

Copy furnished to:

Jack Preece, NW Dist.

Daniel B. Smith, P.E.



Final Determination

Champion International Corporation  
Escambia County

Woodyard Chip Manufacturing Facility  
Permit No. AC 17-145671

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

May 20, 1988

## Final Determination

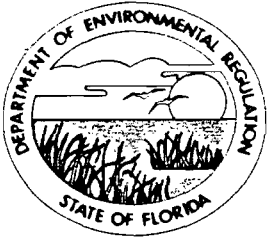
Champion International Corporation's application for a permit to construct a Woodyard Chip Manufacturing facility at their kraft pulp mill in Cantonment, Escambia County, Florida, has been reviewed by the Bureau of Air Quality Management.

Public Notice of the Department's Intent to Issue the construction permit was published in the Pensacola News Journal on April 10, 1988.

Copies of the Preliminary Determination have been available for public inspection at the Department's Northwest District office in Pensacola and the Department's Bureau of Air Quality Management in Tallahassee.

No comments were received during the public notice period.

The final action of the Department will be to issue the permit as noted during the public notice period.



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

Champion International  
Corporation  
P. O. Box 87  
Cantonment, Florida  
32533

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989  
County: Escambia  
Latitude/Longitude: 30° 36' 30"N  
87° 19' 39"W

Project: Woodyard Chip Manufacturing  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction of a woodyard chip manufacturing facility to be located at the Champion International Corporation's chemical complex in Cantonment, Escambia County, Florida. The UTM coordinates are 1,111,70 East and 596,100 North.

The Standard Industrial Codes are: Major Group 26: Paper and Allied Products; Industry No. 2621-Pulp Mills

Construction will be in accordance with the permit application, plans, documents, and reference materials submitted unless otherwise stated in the General and Specific Conditions.

Attachments to be Incorporated:

1. Application to Construct Air Pollution Sources, DER form 17-1.122(1b) dated February 19, 1988.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**GENERAL CONDITIONS:**

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 revocation of this permit.

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 arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**GENERAL CONDITIONS:**

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

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 submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. This source shall be allowed to operate continuously (8760 hours per year).

2. Fugitive and unconfined particulate matter (PM) emissions shall be minimized in accordance with the following operational parameters, which are commitments by the permittee:

- a) Chips manufactured on site will be screened prior to storage.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**SPECIFIC CONDITIONS:**

- b) Chips will be screened following removal from storage prior to conveying to the digesters.
- c) All conveyor systems will be covered or enclosed.
- d) Drop distance from the chip storage stacker is maintained to a minimum.
- e) All access roads will be paved.

3. In accordance with FAC Rule 17-2.610(3), Unconfined Emissions of PM, reasonable precautions to control emissions of unconfined PM may include, but shall not be limited to the following:

- a) Reduced speeds for vehicular traffic.
- b) Use of liquid resinous adhesives or other liquid dust suppressants or wetting agents.
- c) Removal of particulate matter from paved roads and/or other paved areas by vacuum cleaning or otherwise by wetting prior to sweeping.
- d) Covering of trucks, trailers, front end loaders, and other vehicles or containers to prevent spillage of particulate matter during transport.
- e) Use of mulch, hydroseeding, grassing and/or other vegetative ground cover on barren areas to prevent or reduce windblown particulate matter.
- f) Use of hoods, fans, filters, and similar equipment to contain, capture, and vent particulate matter.

4. The annual projected roundwood and purchased chips to be processed through the woodyard are:

	<u>(1000 cords/yr)</u>
Roundwood	499
Purchased Chips	358

5. The annual amounts of roundwood and purchased chips by type processed through the woodyard shall be submitted in the annual operating report to the DER Northwest District office by February 1 of each year.

6. The projected potential PM emissions from the woodyard chip manufacturing system shall not exceed:



PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

SPECIFIC CONDITIONS:

<u>Source</u>	<u>Project Potential PM Emissions (TPY)</u>
<u>Woodyard</u>	
Debarking	16.2
Unloading, Storing, Handling Chips	4.5
	<u>20.7</u>

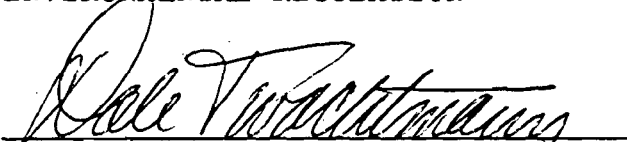
7. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit (FAC Rule 17-4.09).

To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with test results and Certificate of Completion, to the Department's Northwest District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate (FAC Rule 17-4.22 and 17-4.23).

If the construction permit expires prior to the permittee requesting an extension or filing an application for a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application (FAC Rule 17-4.10).

Issued this 21 day of May, 1988

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary

ATTACHMENT 1

Available Upon Request.



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

**RECEIVED**

MAY 20 1988

Office of the Secretary

TO: Dale Twachtmann

FROM: Howard L. Rhodes *[Signature]*

SUBJ: Approval of Champion International Corporation  
State Construction Permit Number: AC 17-145671

DATE: May 20, 1988

Attached for your approval and signature is a permit prepared by Central Air Permitting for the above mentioned company to construct a Woodyard Chip Manufacturing facility at their kraft pulp mill.

The facility is located in Cantonment, Escambia County, Florida. No comments were received during the public notice period.

Day 90, after which this permit will be issued by default is June 17, 1988.

I recommend your approval and signature.

*Mon 23 of May*

HLR/aqm/th  
attachments

375 Muscogee Road  
P.O. Box 87  
Cantonment, Florida 32533-0087  
904 968-2121

*Emergy Worldwide*  
# 991260597

PM  
4115788  
Coutermment, JH

*File Copy*



April 15, 1988

RECEIVED

APR 18 1988

DER-BAQM

Mr. William Thomas  
State of Florida  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. Thomas:

The Notice of Proposed Agency Intent to issue a permit to construct a chip manufacturing facility at Champion's Pensacola Mill was published in the Pensacola News Journal on April 10, 1988. Enclosed is the required proof of publication.

Sincerely,

*David Arceneaux JHP*

David T. Arceneaux  
Supervisor  
Environmental Control

DTA/hs

Attachment

cc: Mr. Thomas W. Moody, P.E.  
Special Program Supervisor  
State of Florida  
Department of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

STATEMENT  
PENSACOLA  
**News  
Journal**

One News Journal Plaza  
Pensacola, Florida 32501

PENSACOLA, FLA.,

4/15 1988

STATEMENT  
PENSACOLA  
**News  
Journal**

One News Journal Plaza  
Pensacola, Florida 32501

PENSACOLA, FLA.,

4/15 1988

Champions

\$ 114.80

Legal 34241

Or# 7121

Champion

\$ 114.80

Legal 34241

Or# 7121

**LEGAL ADVERTISING  
PAYMENT DUE UPON RECEIPT  
OF THIS NOTICE. INCLUDE THIS  
COPY WITH PAYMENT**

PENSACOLA  
**News Journal**

PUBLISHED DAILY  
PENSACOLA, ESCAMBIA COUNTY, FLORIDA

State of Florida,  
County of Escambia.

RECEIVED

APR 18 1988

Before the undersigned authority personally appeared  
J. Diane Deal DER - BAQM

who on oath says that she is Legal Advertising Supervisor of the Pensacola News Journal, a daily newspaper published at Pensacola in Escambia County, Florida; with general circulation in Escambia, Santa Rosa, Okaloosa and Walton Counties that the attached copy of advertisement, being a NOTICE in the matter of

Intent

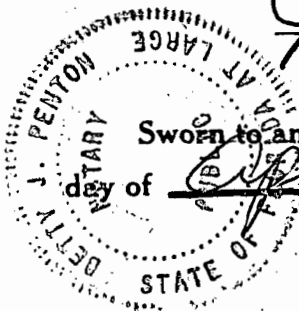
\_\_\_\_\_ in the \_\_\_\_\_ Court,

was published in said newspaper in the issues of \_\_\_\_\_

April 10, 1988

Affiant further say that the said The Pensacola News Journal is a newspaper published at Pensacola, in said Escambia County, Florida, and that the said newspaper has heretofore been continuously published in said Escambia County, Florida, each day and has been entered as second class mail matter at the post office in Pensacola, in said Escambia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

J. Diane Deal



Sworn to and subscribed before me this \_\_\_\_\_ 15<sup>th</sup>

day of April, A.D., 19 88

Betty J. Penton

NOTARY PUBLIC.

Copied: Mrs. Neron  
Ed Waddelant } 4-20-88

My Commission Expires October 26, 1991

**LEGAL NOTICE**

State of Florida  
Department of  
Environmental  
Regulation  
Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Champion International Company to construct a woodyard chip manufacturing facility to be located on the company's Kraft pulp mill in Cantonment, Escambia County, Florida. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

FORM OF PAYMENT		EMERY WORLDWIDE		UNITED STATES / CANADA		INTERNATIONAL	
CASH <input type="checkbox"/> GBL <input type="checkbox"/> CBL <input type="checkbox"/> <input type="text"/> FCCOD <input type="checkbox"/>		0 4 5 8 0 0 7 1 9 8 		STANDARD SERVICES * Same Day <input type="checkbox"/> Other <input type="checkbox"/> Next Morning <input type="checkbox"/> Metro <input type="checkbox"/> Second Morning <input type="checkbox"/>		STANDARD SERVICES * Courier Express <input type="checkbox"/> Business Documents <input type="checkbox"/> Air Cargo Service <input type="checkbox"/> Customs Clearance <input type="checkbox"/> Air Economy Service <input type="checkbox"/> Delivery <input type="checkbox"/>	
PPD <input checked="" type="checkbox"/> COL <input type="checkbox"/> OTH <input type="checkbox"/> COMAT <input type="checkbox"/>				Date: 4/15/90 Origin: PNB Shipment Number: 045800719			
Shippers Emery Account Number <b>E 791260577</b>		From: CHAMPION INTERNATIONAL DEPT 2305 TECHNICAL HUBCOOEE RD CANONWENT FL Customer's Reference Numbers: <input type="checkbox"/> Zip: 32503		To: State of Florida Tallahassee, Florida 32301 Consignee's Emery Account No.: <b>E</b> Zip: 32301		Saturday Delivery <input type="checkbox"/> Tariff Dest. Gateway Check to Shipper: \$ Hold at Airport <input type="checkbox"/> Emery will collect consignee's check made payable only to the shipper for the value of the goods in the amount shown above.	
Description and Marks: Urgent Letter		Dimensions: Pcs. L W H Total Pieces: 1 Total Weight (In Lbs.):		<div style="font-size: 48px; text-align: center;">32301</div> <div style="font-size: 48px; text-align: right;">N</div> <p style="text-align: center;">Terms and Conditions on Back</p>			
TODSR <input type="checkbox"/> Haz Mat <input type="checkbox"/> Edit <input type="checkbox"/>		Dimensions: A B C D E F G H I J K Envelope <input checked="" type="checkbox"/> 9X12 Pack <input checked="" type="checkbox"/> 12X15					
Shipper's Signature: X		International Charges: Free Domicile <input type="checkbox"/> Comm. Code: E Third party Emery Account Number mandatory for Third party billing: E		Third Party Emery Account No.:		Multiple Shpts. / Drop Box 1 2 3 4 5 6 7 8 9 0 1 2 Over 32 →	
At Origin: Base Charge At Destination: TOTAL		Intl. Customs Value Intl. Insurance Total Transportation Charges		Rec'd By Emery: 1505 Time Received: 4:15 Date Received: 4/15/90 Goods Rec'd At:		By: Emery Representative:	
		Other Charges: OC- \$		Shippers Door <input checked="" type="checkbox"/> Drop Box <input type="checkbox"/> A Emery Terminal <input type="checkbox"/> Carrier Advance <input type="checkbox"/> B			

The application 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 Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida  
32399-2400

Dept. of Environmental Regulation  
Northwest District office  
160 Governmental Center  
Pensacola, Florida  
32501-5794

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Legal No. 34241  
April 10, 1988 IT



P 274 010 362

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, June 1985  
\* U.S.G.P.O. 1985-480-794

William C. Bannan, V.P.	
P.O. Box 87	
Street and No.	
Cantonment, FL 32533	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
Mailed: 04/01/88	
Permit: AC 17-145671	

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address.      2.  Restricted Delivery.

<b>3. Article Addressed to:</b> Mr. William C. Bannan Vice President/Operation Manager P.O. Box 87 Cantonment, FL 32533	<b>4. Article Number</b> P 274 010 362 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature - Addressee</b> X	<b>6. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X <i>William C. Bannan</i>	
<b>7. Date of Delivery</b> <i>APR 5 1988</i>	

PS Form 3811, Feb. 1986

**DOMESTIC RETURN RECEIPT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

March 30, 1988

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. William C. Bannan  
Vice President/Operation Manager  
P.O. Box 87  
Cantonment, Florida 32533

Dear Mr Bannan:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for Champion International Company to construct a woodyard chip manufacturing facility.

Please submit, in writing, any comments which you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/bm

Attachments

cc: NW District Office  
Jack Preece  
Daniel B. Smith, P.E.

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Applications for Permits by:

Champion International Corp.  
P.O. Box 87  
Cantonment, Florida 32533

DER File No. AC 17-145671

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the applications specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Champion International Co, applied on February 19, 1988, to the Department of Environmental Regulation for a permit to construct a woodyard chip manufacturing facility to be located at their Kraft pulp mill in Cantonment, Escambia County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit was needed for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, FAC, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit applications. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits.

The Department will issue the permits with the attached conditions unless petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S. A person whose substantial interests are affected by the

department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copy enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

Copies furnished to:

Ed Middleswart  
Jack Preece  
Daniel B. Smith, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on April 1, 1988.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Martha J. Wise April 1, 1988  
Clerk Date

RULES OF THE ADMINISTRATIVE COMMISSION  
MODEL RULES OF PROCEDURE  
CHAPTER 28-5  
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
  - (a) The name and address of each agency affected and each agency's file or identification number, if known;
  - (b) The name and address of the petitioner or petitioners;
  - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
  - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
  - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
  - (f) A demand for the relief to which the petitioner deems himself entitled; and
  - (g) Such other information which the petitioner contends is material.

State of Florida  
Department of Environmental Regulation  
Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Champion International Company to construct a woodyard chip manufacturing facility to be located on the company's Kraft pulp mill in Cantonment, Escambia County, Florida. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application 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 Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District Office  
160 Governmental Center  
Pensacola, Florida 32501-5794

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.



Technical Evaluation  
and  
Preliminary Determination

Champion International Corporation  
Escambia County

Permit No. AC 17-145671  
Woodyard Chip Manufacturing Facility

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

March 28, 1988

I. NAME AND ADDRESS OF APPLICANT

Champion International Corporation  
P.O. Box 87  
Cantonment, Florida 32533

II. REVIEWING AND PROCESS SCHEDULE

Date of Receipt of Application: February 19, 1988

Application Completeness Day: February 19, 1988

III. FACILITY INFORMATION

The proposed source is located at State Road 184 at U.S. 29, in Cantonment, Escambia County, Florida. The UTM coordiantes are 596,100 North and 1,111,70 East.

III.2 Standard Industrial Classification Code (SIC)

This facility is classified as follows:

Major Group No. 26 Paper and Allied Products

Industry No. - 2611 Pulp Mills

III.3 Facility Category

Champion International Corporation is a major facility. This facility is on the list of the 28, major facility categories, Kraft Pulp Mill, Table 500-1, Chapter 17-2, Florida Administrative Code. The proposed source will emit approximately 20.7 tons per year of particulate matter (PM).

IV. PROJECT DESCRIPTION

This project consists of constructing a new chip mill. The proposed chip manufacturing system will consist of the following equipment:

- Hardwood long log pile
- Circular crane
- Paved access roads for trucks.
- Barking drum and bark hog
- Hogged bark conveyor system
- Chipper
- Chip screens
- Chip conveyor system

Installation of a chipper will increase long log processing capacity by 100,000 cords per year. Total wood usage at the Pensacola Mill will be unaffected. The effect of this project

will be to increase log processing capabilities for 100,000 cords per year, and reduce purchased chips by 100,000 cords per year.

#### V. RULE APPLICABILITY

This project is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes and Chapter 17-2 FAC.

This source site is located in an area, Escambia County, currently designated attainment for all pollutants in accordance with Rule 17-2.420, FAC.

This project, a chip manufacturing system, will be permitted pursuant to Rule 17-2.510, FAC, Sources not Subject to Prevention of Significant Deterioration or Nonattainment Requirement.

The proposed source shall comply with Rule 17-2.610, General Particulate Emission Limiting Standards.

#### VI. EMISSIONS SUMMARY

The installation of the new chipper will produce emissions of particulate matter. Excess fugitive emissions from the chip manufacturing and conveying system are controlled to a minimum by the following features:

- All conveyors are covered.
- Chips manufactured on site will be screened prior to storage.
- Chips will be screened following removal from storage, prior to conveying to the digesters.
- Drop distances from the chip storage stacker is maintained to a minimum.
- All access road will be paved.

The allowable emission for this source shall not exceed 20.7 tons per year of particulate matter. This represents an increase of 2.1 tons per year over the present system.

#### VI.1 AIR QUALITY REVIEW

From a technical review of the application, the Department has determined that the installation and operation of this source will not have a detrimental impact on Florida's ambient air quality.

#### VII. CONCLUSION

Based on the review of the data submitted by Champion International Co., the Department concludes that compliance with all applicable state air quality regulations will be achieved

provided certain specific conditions are met. The impact of installing and operating the chip mill manufacturing system will not cause or contribute to a violation of any ambient air quality standards.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

PERMITTEE:  
Champion International  
Corporation  
P. O. Box 87  
Cantonment, Florida  
32533

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989  
County: Escambia  
Latitude/Longitude: 30° 36' 30"N  
87° 19' 39"W  
Project: Woodyard Chip Manufacturing  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction of a woodyard chip manufacturing facility to be located at the Champion International Corporation's chemical complex in Cantonment, Escambia County, Florida. The UTM coordinates are 1,111,70 East and 596,100 North.

The Standard Industrial Codes are: Major Group 26: Paper and Allied Products; Industry No. 2621-Pulp Mills

Construction will be in accordance with the permit application, plans, documents, and reference materials submitted unless otherwise stated in the General and Specific Conditions.

Attachments to be Incorporated:

1. Application to Construct Air Pollution Sources, DER form 17-1.122(lb) dated February 19, 1988.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.



PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

**GENERAL CONDITIONS:**

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

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 submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. This source shall be allowed to operate continuously (8760 hours per year).

2. Fugitive and unconfined particulate matter (PM) emissions shall be minimized in accordance with the following operational parameters, which are commitments by the permittee:

- a) Chips manufactured on site will be screened prior to storage.

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

SPECIFIC CONDITIONS:

- b) Chips will be screened following removal from storage prior to conveying to the digesters.
- c) All conveyor systems will be covered or enclosed.
- d) Drop distance from the chip storage stacker is maintained to a minimum.
- e) All access roads will be paved.

3. In accordance with FAC Rule 17-2.610(3), Unconfined Emissions of PM, reasonable precautions to control emissions of unconfined PM may include, but shall not be limited to the following:

- a) Reduced speeds for vehicular traffic
- b) Use of liquid resinous adhesives or other liquid dust suppressants or wetting agents.
- c) Removal of particulate matter from paved roads and/or other paved areas by vacuum cleaning or otherwise by wetting prior to sweeping.
- d) Covering of trucks, trailers, front end loaders, and other vehicles or containers to prevent spillage of particulate matter during transport.
- e) Use of mulch, hydroseeding, grassing and/or other vegetative ground cover on barren areas to prevent or reduce windblown particulate matter.
- f) Use of hoods, fans, filters, and similar equipment to contain, capture, and vent particulate matter.

4. The annual projected roundwood and purchased chips to be processed through the woodyard are:

(1000 cords/yr)

Roundwood	499
Purchased Chips	358

5. The annual amounts of roundwood and purchased chips by type processed through the woodyard shall be submitted in the annual operating report to the DER Northwest District office by February 1 of each year.

6. The projected potential PM emissions from the woodyard chip manufacturing system shall not exceed:

PERMITTEE:  
Champion International  
Corporation

Permit Number: AC 17-145671  
Expiration Date: September 30, 1989

SPECIFIC CONDITIONS:

Source	Project Potential PM Emissions (TPY)
<u>Woodyard</u>	
Debarking	16.2
Unloading, Storing, Handling Chips	4.5
	<u>20.7</u>

7. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09).

To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with test results and Certificate of Completion, to the Department's Northwest District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rule 17-4.22 and 17-4.23)

If the construction permit expires prior to the permittee requesting an extension or filing an application for a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10).

Issued this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

\_\_\_\_\_  
Dale Twachtmann, Secretary

ATTACHMENT 1

Available Upon Request.

375 Muscogee Road  
P.O. Box 87  
Cantonment, Florida 32533-0087  
904 968-2121

Emery 030348271

PM  
Feb 18, 1988  
Cantonment, FL

file copy



DER  
FEB 19, 1988 (m)  
BAQM

February 18, 1988

Mr. William Thomas  
Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. Thomas:

Enclosed are three copies of an Application To Construct Air Pollution Sources [DER Form 17-1.202(1)] along with the \$100 application fee for a proposed chip mill at Champion's Pensacola facility. To meet the scheduled September, 1988 start-up date, we need to begin construction by April 1st.

We would appreciate a prompt review of this application. If there is any additional information needed, please don't hesitate to call.

Sincerely,

A handwritten signature in cursive script, appearing to read 'David T. Arceneaux'.

David T. Arceneaux  
Supervisor  
Environmental Control

cc: Thomas Moody (with application)  
FDER - Northwest District

Copied: Teresa Heron - BAQM - 2/23/88 (m)

RECEIVED  
DER - MAIL ROOM  
1988 FEB 19 PM 10:25

Best Available Copy

FORM OF PAYMENT				EMERY WORLDWIDE				UNITED STATES / CANADA				INTERNATIONAL			
CASH <input type="checkbox"/> GBL <input type="checkbox"/> CBL <input type="checkbox"/> FOCOD <input type="checkbox"/>				0305482716 				STANDARD SERVICES * Same Day <input type="checkbox"/> Other <input type="checkbox"/> Next Morning <input checked="" type="checkbox"/> Metro <input type="checkbox"/> Second Morning <input type="checkbox"/>				STANDARD SERVICES * Courier Express <input type="checkbox"/> Business Documents <input type="checkbox"/> Air Cargo Service <input type="checkbox"/> Customs Clearance <input type="checkbox"/> Air Economy Service <input type="checkbox"/> Delivery <input type="checkbox"/>			
PPD <input checked="" type="checkbox"/> COL <input type="checkbox"/> OTH <input type="checkbox"/> COMAT <input type="checkbox"/>								Date: 9/18/88 Origin:				Shipment Number: 030548271			
From: David Aronowicz 902/068-2121				To: Mr. William Thomas				Saturday Delivery <input type="checkbox"/>				Tariff Dest. Gateway			
CHAMPION INTERNATIONAL				EMER				Hold at Airport <input type="checkbox"/>				C.O.D. \$			
MUSCOGEE RD				Twin Towers Office Building, 2600 Blair Stone Road				Canada <input type="checkbox"/>				C D E F G H A B			
CANTONMENT, FL				Tallahassee, FL				Consignee's Emery Account No. Zip 32301				Customer's Reference Numbers Zip 32932			
Description and Marks				Dimensions L W H				Pieces				Weight (In Lbs.)			
Hazard Pack: TODSR <input type="checkbox"/> Haz Mat <input type="checkbox"/> Edit <input type="checkbox"/>				A B C D E F G H I J K				1 2 3 4 5 6 7 8 9 0 1 2				Envelope <input checked="" type="checkbox"/> 9X12 Pack <input checked="" type="checkbox"/> 12X15			
Shipper's Signature X				International Charges				Third Party Emery Account No.				Comm. Code			
Free Domicile <input type="checkbox"/>				Third party Emery Account Number mandatory for Third party billing				E				Multiple Shpts. / Drop Box			
At Origin				Intl. Customs Value				Intl. Insurance				Time Rec'd By Emery			
Base Charge				Total Transportation Charges				Other Charges				Goods Rec'd At:			
At Destination				TOTAL				OC- \$				Shippers Door <input type="checkbox"/> Drop Box <input type="checkbox"/> A Emery Terminal <input type="checkbox"/> Carrier Advance <input type="checkbox"/> B			
												By: Emery Representative.			

32301N

Terms and Conditions on Back

DER

FEB 19

BAQM



**Champion**

Champion International Corporation

Knightsbridge

Hamilton, Ohio

45020

13-1

420

Pay to the  
Order of

Florida Dept. Of Environmental Regulation  
160 Governmental Center  
Pensacola, FL 32501-5794

Date: 01-29-88

No. 426830

Check No. 426830

Pay the amount of

\*\*\*\*\*\$100.00\*

PAY \*\*\* ONE HUNDRED DOLLARS AND 00/100 \*\*\*

The First National Bank  
Cincinnati, Ohio

*Frank Kneisel* 249



Best Available Copy

Receipt # 117520  
√ # 426830  
\$ 100.00  
AC 17-145671

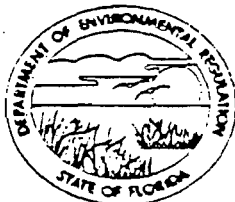
STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

DER

BOB GRAHAM  
GOVERNOR

FEB 19, 1988 VICTORIA J. TSCHINKEL  
SECRETARY

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301



BAQM

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Major [ ] New<sup>1</sup> [X] Existing<sup>1</sup>

APPLICATION TYPE: [X] Construction [ ] Operation [X] Modification

COMPANY NAME: Champion International Corporation COUNTY: Escambia

Identify the specific emission point source(s) addressed in this application (i.e. Line  
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Chip Mill

SOURCE LOCATION: Street State Road 184 at U. S. 29 City Cantonment

UTM: East 1,111,700 North 596,100

Latitude 30 ° 36' 30" N Longitude 87 ° 19' 30" W

APPLICANT NAME AND TITLE: Champion International Corporation

APPLICANT ADDRESS: P. O. Box 87, Cantonment, Florida 32533

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of Champion

I certify that the statements made in this application for a Construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed: William C. Bannan

William C. Bannan, VP/Operations Manager  
Name and Title (Please Type)

Date: 2/17/88 Telephone No. 904/968-2121

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

See Florida Administrative Code Rule 17-2.100(57) and (104)



the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed D. B. Smith

Daniel B. Smith, P.E.

Name (Please Type)

Baskerville-Donovan Engineers, Inc.

Company Name (Please Type)

316 South Baylen Street Suite 300

Mailing Address (Please Type)

144 Registration No. 35633 Date: Feb. 16, 1988 Telephone No. (904)438-9661



**SECTION II: GENERAL PROJECT INFORMATION**

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

Installation of woodyard chip manufacturing facility - see attached permit supplement.

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction March, 1988 Completion of Construction September, 1988

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

\$250,000 - road paving, conveyor covers

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

Permit/Certification Number: A017-136583; Date of Issue: August 10, 1987;

Expiration Date: August 1, 1992

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;  
if power plant, hrs/yr N/A ; if seasonal, describe: N/A

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? No
    - a. If yes, has "offset" been applied? \_\_\_\_\_
    - b. If yes, has "Lowest Achievable Emission Rate" been applied? \_\_\_\_\_
    - c. If yes, list non-attainment pollutants. \_\_\_\_\_
  2. Does best available control technology (BACT) apply to this source?  
If yes, see Section VI. No
  3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Sections VI and VII. No
  4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? No
  5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? No
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? No
- a. If yes, for what pollutants? \_\_\_\_\_
  - b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-  
cation for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable: See Attached Supplement

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1) See Attached Supplement

1. Total Process Input Rate (lbs/hr): \_\_\_\_\_

2. Product Weight (lbs/hr): \_\_\_\_\_

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary) See Attached Supplement

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).

J. Control Devices: (See Section V, Item 4) See Attached Supplement

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)

E. Fuels - Not Applicable

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

\*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: \_\_\_\_\_ Percent Ash: \_\_\_\_\_

Density: \_\_\_\_\_ lbs/gal Typical Percent Nitrogen: \_\_\_\_\_

Heat Capacity: \_\_\_\_\_ BTU/lb \_\_\_\_\_ STU/gal

Other Fuel Contaminants (which may cause air pollution): \_\_\_\_\_

F. If applicable, indicate the percent of fuel used for space heating. N/A

Annual Average \_\_\_\_\_ Maximum \_\_\_\_\_

G. Indicate liquid or solid wastes generated and method of disposal.

All liquid and solid wastes generated will be returned to the process or treated in the mill's treatment plant before discharge to Elevenmile Creek.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): N/A

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Ft.

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM Gas Exit Temperature: \_\_\_\_\_ °F.

Water Vapor Content: \_\_\_\_\_ % Velocity: \_\_\_\_\_ FPS

**SECTION IV: INCINERATOR INFORMATION - N/A**

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste \_\_\_\_\_

Total Weight Incinerated (lbs/hr) \_\_\_\_\_ Design Capacity (lbs/hr) \_\_\_\_\_

Approximate Number of Hours of Operation per day \_\_\_\_\_ day/wk \_\_\_\_\_ wks/yr. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Date Constructed \_\_\_\_\_ Model No. \_\_\_\_\_

	Volume (ft) <sup>3</sup>	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Stack Temp. \_\_\_\_\_

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM\* Velocity: \_\_\_\_\_ FPS

\*If 50 or more tons per day design capacity, submit the emissions data in cubic feet standard cubic foot dry gas corrected to 30% excess air.

Type of pollution control device:  Cyclone  Wet Scrubber  Afterburner  
 Other (specify) \_\_\_\_\_

Brief description of operating characteristics of control devices: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

**SECTION V: SUPPLEMENTAL REQUIREMENTS**

See Attached Supplement

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY Not Applicable

- A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes  No

Contaminant	Rate or Concentration

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes  No

Contaminant	Rate or Concentration

- C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

- D. Describe the existing control and treatment technology (if any).

- |                           |                          |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:*           | 4. Capital Cost:         |

\*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

a. Height:

ft.

b. Diameter:

ft.

c. Flow Rate:

ACFM

d. Temperature:

°F.

e. Velocity:

FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

a. Control Device:

b. Operating Principles:

c. Efficiency:<sup>1</sup>

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:<sup>2</sup>

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

a. Control Device:

b. Operating Principles:

c. Efficiency:<sup>1</sup>

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:<sup>2</sup>

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

<sup>1</sup>Explain method of determining efficiency.

<sup>2</sup>Energy to be reported in units of electrical power - KWH design rate.



- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:<sup>1</sup>
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:<sup>2</sup>
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
  - a. (1) Company:
  - (2) Mailing Address:
  - (3) City:
  - (4) State:

<sup>1</sup> Explain method of determining efficiency.

Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant	Rate or Concentration

(8) Process Rate:<sup>1</sup>

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant	Rate or Concentration

(8) Process Rate:<sup>1</sup>

10. Reason for selection and description of systems:

<sup>1</sup>Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION - Not Applicable

A. Company Monitored Data

1. \_\_\_\_\_ no. sites \_\_\_\_\_ TSP \_\_\_\_\_ ( ) SO<sub>2</sub>+ \_\_\_\_\_ Wind spd/dir

Period of Monitoring \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year

Other data recorded \_\_\_\_\_

Attach all data or statistical summaries to this application.

Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent?  Yes  No
- b. Was instrumentation calibrated in accordance with Department procedures?  
 Yes  No  Unknown

B. Meteorological Data Used for Air Quality Modeling

1. \_\_\_\_\_ Year(s) of data from \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year
2. Surface data obtained from (location) \_\_\_\_\_
3. Upper air (mixing height) data obtained from (location) \_\_\_\_\_
4. Stability wind rose (STAR) data obtained from (location) \_\_\_\_\_

C. Computer Models Used

1. \_\_\_\_\_ Modified? If yes, attach description.
2. \_\_\_\_\_ Modified? If yes, attach description.
3. \_\_\_\_\_ Modified? If yes, attach description.
4. \_\_\_\_\_ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO <sub>2</sub>	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

PART I

SUPPLEMENTAL INFORMATION

- DESCRIPTION OF PROCESS
- SYSTEM DESIGN
- WOOD USAGE
- EMISSIONS
- EMISSIONS CONTROL DEVICES

CHAMPION INTERNATIONAL CORPORATION  
PENSACOLA FLORIDA FACILITY  
SUPPLEMENT TO  
AIR QUALITY PERMIT APPLICATION

Description of Process

Champion International Corporation is proposing to construct a new chip mill at its Pensacola facility, located in Cantonment, Escambia County, Florida. The effect of this project will be to increase log processing capabilities by 100,000 cords per year, and reduce purchased chips by 100,000 cords per year. This will result in an improvement in the cost-effectiveness of mill operations.

System Design

The proposed chip manufacturing system will consist of the following equipment:

- o Hardwood long log pile
- o Circular crane
- o Paved access roads for trucks
- o Barking drum and bark hog
- o Hogged bark conveyor system
- o Chipper
- o Chip screens
- o Chip conveyor system

A process flow sheet is included in Part III of this supplement.

Wood Usage

Installation of a chipper will increase long log processing capacity by 100,000 cords per year, with a corresponding decrease in purchased chips. Total wood usage at the Pensacola Mill will be unaffected. These changes are illustrated in Table I. Table I-Section A represents the present system as given in the Mill Conversion Project permit application. Section B shows the proposed system after installation of the new chipper.

### Emissions

The only emissions associated with the installation of a chip manufacturing system are fugitive particulate emissions. The net increase in particulate emissions resulting from the installation is 2.1 tons per year, due to increased debarking operations. (See Table II.) Emissions associated with mill traffic are expected to remain constant since the reduction in chip trucks will be balanced by an increase in long log trucks. Contemporaneous changes since February 1983 were noted in the conversion project permit application. The corrected page 5 of that application is attached as Table III. When added to contemporaneous changes, net emissions are +6.0 tons per year fugitive and -10.7 tons per year total. There will be no impact on any pollutants other than fugitive particulate emissions.

There is no available information on PM<sub>10</sub> content for wood handling fugitive emissions, although it is reasonable to believe that most of the emissions would be greater than PM<sub>10</sub>. In any case, the net contemporaneous changes are less than the 15 tons per year PM<sub>10</sub> significant level and less than the 25 tons per year TSP significant level.

Since this project is a straight conversion from purchased to manufactured chips, all other mill facilities will remain unchanged. The mill's power boilers are currently permitted to burn bark. Therefore, the bark produced by the proposed chip facility will be utilized as boiler fuel. There will be no impact on emissions from the power boilers.

Described tables, data calculations, and basis of emissions calculations are all contained in Part II of this supplement.

### Emissions Control Devices

Excess fugitive emissions from the chip manufacturing and conveying system are controlled to a minimum by the following features:

- o All conveyors are covered.
- o Chips manufactured on site will be screened prior to storage.
- o Chips will be screened following removal from storage, prior to conveying to the digesters.
- o Drop distance from the chip storage stacker is maintained to a minimum.
- o All access roads will be paved.

PART II

AIRBORNE CONTAMINANTS EMITTED

(DATA AND CALCULATIONS)

TABLE I

PENSACOLA WOOD SUPPLY  
 WOODYARD FACILITIES  
 (ALL VALUES IN 1000 CORDS PER YEAR)

	<u>Roundwood (Logs)</u>	<u>Purchased Chips</u>	<u>Total</u>
A. Present System	399	458	857
B. Proposed System <sup>(1)</sup>	499	358	857

*Handwritten notes: "100,000" written above the transition between rows A and B. A circle is drawn around the value "499" in row B. A horizontal line is drawn under the value "358" in row B. A checkmark is present to the right of the "857" in row B.*

(1) Based on installation of new 100,000 cords per year chip mill.

*Handwritten mark: "857"*



TABLE II

ESTIMATED FUGITIVE EMISSIONS  
(ALL VALUES TONS PER YEAR)

	<u>Roundwood</u> <u>(Logs)</u> <sup>(1)</sup>	<u>Purchased</u> <u>Chips</u> <sup>(2)</sup>	<u>Total</u>
A. Present System	12.9	5.7	18.6
B. Proposed System	16.2	4.5	20.7

(1) Factor for logs - 0.0324 tons per 1000 cords.

(2) Factor for chips - 0.0125 tons per 1000 cords.

NET EMISSIONS  
(TONS PER YEAR)

A. Proposed System - Present System	+2.1
B. Fugitive Contemporaneous <sup>(3)</sup> + (A)	+6.0
C. Total Contemporaneous <sup>(3)</sup> + (A)	-10.7

(3) From Table III

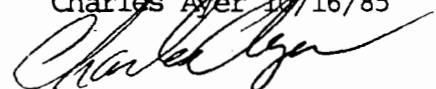
TABLE III

The regulated pollutants affected by the mill conversion project are particulates for which the area has been designated as attainment of the NAAQS. A summary of the net emissions for the proposed mill conversion are as follows:

A. <u>Particulate</u>		Net Emissions (Tons/Yr)	Reference Calculations Pages
1. <u>Fugitive Particulate Emissions</u>			
Woodyard		+2.1	12, 14, 15
Road Traffic		* +5.1 1.8	16
Subtotal		+7.2 3.9	
2. <u>Point Source Emissions</u>			
Starch Silo Vent Collector		+0.1	17
Starch Receiver Vent Collector		+0.1	17
Rotoclone Collector		+3.5	17
Lime Slaker (New)		+6.7	23
Old Lime Slaker (Shutdown) <sup>1</sup>		-16.0 -27.7	--
Salt Unloading		+0.6	23
Subtotal		-5.0 -16.7	--
TOTAL NET EMISSIONS INCREASE		+2.2 -12.8	
B. <u>Unregulated Pollutants</u>			Reference
1. <u>Bleach Plant</u>		Net Emissions (Tons/Yr)	Calculations Pages
Chlorine		-12	--
Chlorine Dioxide		-11	--
Total		-23	9, 18-22

The proposed conversion of the Pensacola facility does not represent a major modification as defined by the Florida DER regulation 17-2.500.

1) Reported Emission in 1984.



FUGITIVE EMISSIONS CALCULATIONS  
FOR  
WOODYARD FACILITIES

DEFINITION AND COMPUTATION OF FUGITIVE EMISSIONS

WOODYARD CHANGES

A. Fugitive Emissions for Debarking Operations

A value of 0.024 lbs./ton of logs debarked for fugitive emissions was reported by PEDCo Environmental Inc. at the Second Symposium on Fugitive Emissions. Work conducted by PEDCo was prepared under EPA Contract No. 68-02-1375, Task Order No. 33, publication no. EPA 450/3-77-010.

This value for fugitive emissions from debarking operations was applied as follows:

(Cords of Roundwood Debarked/Yr.) x [5,400 Lbs. (Wet Weight of Cord)] ÷ (2,000 Lbs./Ton) x (.024 Lbs. Fugitive Emissions/Ton Wet Wood) ÷ 2000 (Wt/Ton) = Tons Per Cord Fugitive Emissions

Calculation of Factor

$1 \times 10^3$  Cords/Yr. x 5,400 Lbs./Cord ÷ 2,000 x .024 Lbs./Ton ÷ 2,000 Lbs./Ton = 0.0324 tons per 1000 cords

B. Fugitive Emissions for Unloading, Storing, and Handling Chips

A value of 1.0 lbs./ton of sawdust was reported by PEDCo Environmental Inc. at the Second Symposium on Fugitive Emissions. Work conducted by PEDCo was prepared under EPA Contract No. 68-02-1375, Task Order No. 33, publication no. EPA 450/3-77-010. The value reported was for 100% sawdust operations.

The application of this value to a chip facility can only be applied to that portion of chips which is actually equivalent to sawdust. In the paper industry, we refer to this portion as chip fines, which is wood fines less than 3/16 inch. The percentage of chip fines contained in purchased chips received at the Pensacola Mill will range from 1% to 2% by wet weight with a maximum of 2%. Additionally, since the total weight of chips contains less than 2% fines (sawdust), the physical exposure to dusting as compared to 100% sawdust will substantially be reduced. Therefore, we have applied a fugitive emission value of 0.5 lbs./ton of fines. Calculations are as follows:

$$\begin{aligned} & (\text{Cords/Yr. as Chips}) \times (\text{Wet Weight/Cord}) \div \\ & \text{Wt./Ton} \times (\text{Percent Fines}) \times (0.5 \text{ Lbs. Fugitive} \\ & \text{Emissions/Ton of Fines}) \div (\text{Wt./Ton}) = \text{Tons Per} \\ & \text{Cord Fugitive} \end{aligned}$$

Calculation of Factor

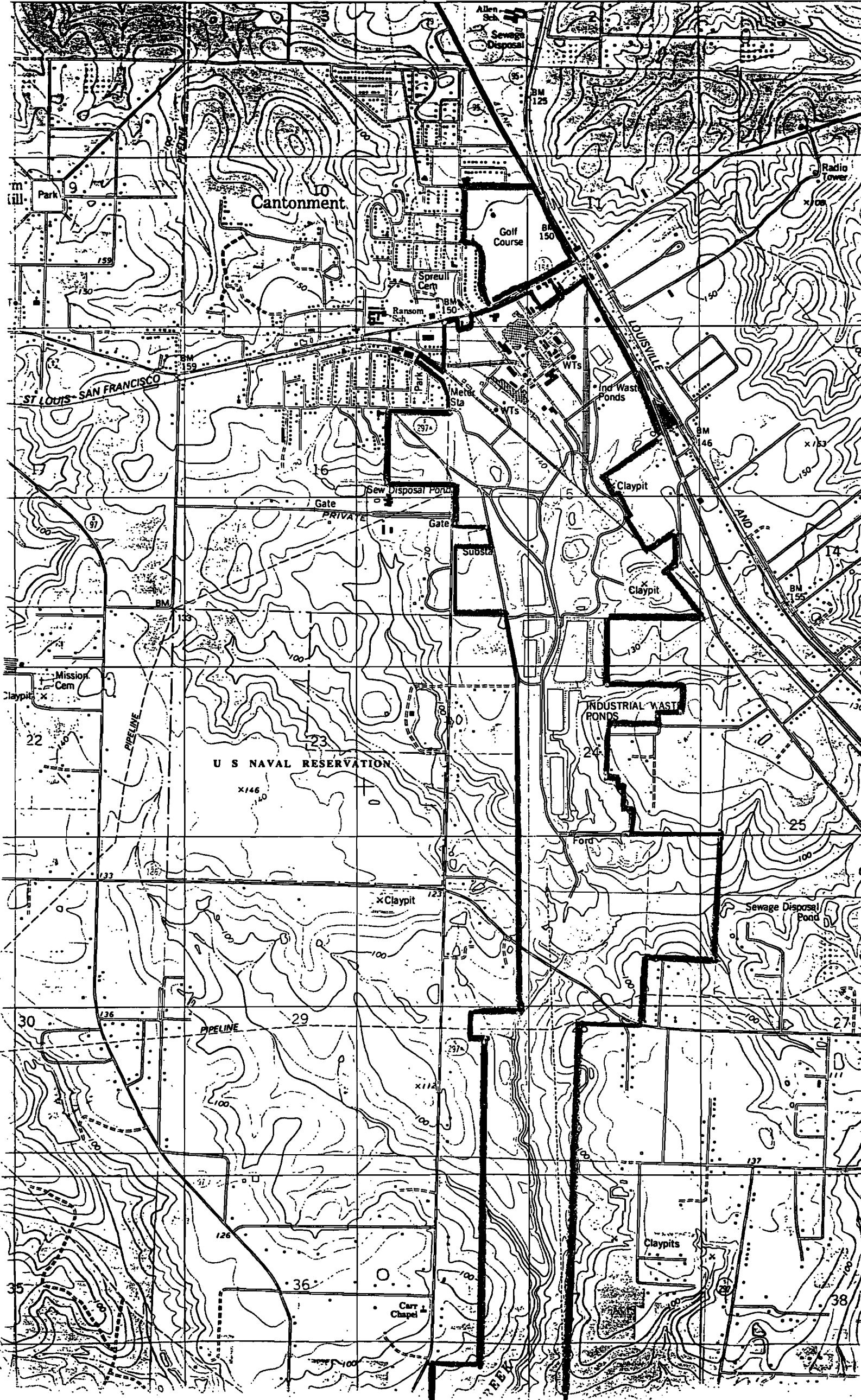
$$\begin{aligned} & 1 \times 10^3 \text{ Cords/Yr.} \times 5,000 \text{ Lbs./Cord} \div 2,000 \times \\ & .02 \times 0.5 \text{ Lbs./Ton Fines} \div 2,000 \text{ Lbs./Ton} = \\ & 0.0125 \text{ tons per 1000 cords} \end{aligned}$$

NOTE: EPA has not developed fugitive emissions factors for chip unloading, conveying and storage. These sources of emissions have been considered minor. Champion has estimated fugitive emissions for purpose of demonstrations that chip systems are insignificant fugitive emissions. This method of calculations has been employed in the State of Texas and was accepted. It is the same calculation used in the construction permit application to Florida DER in October 1985. This method is, in our opinion, ultra conservative and predicts emissions in excess of what actually occurs.

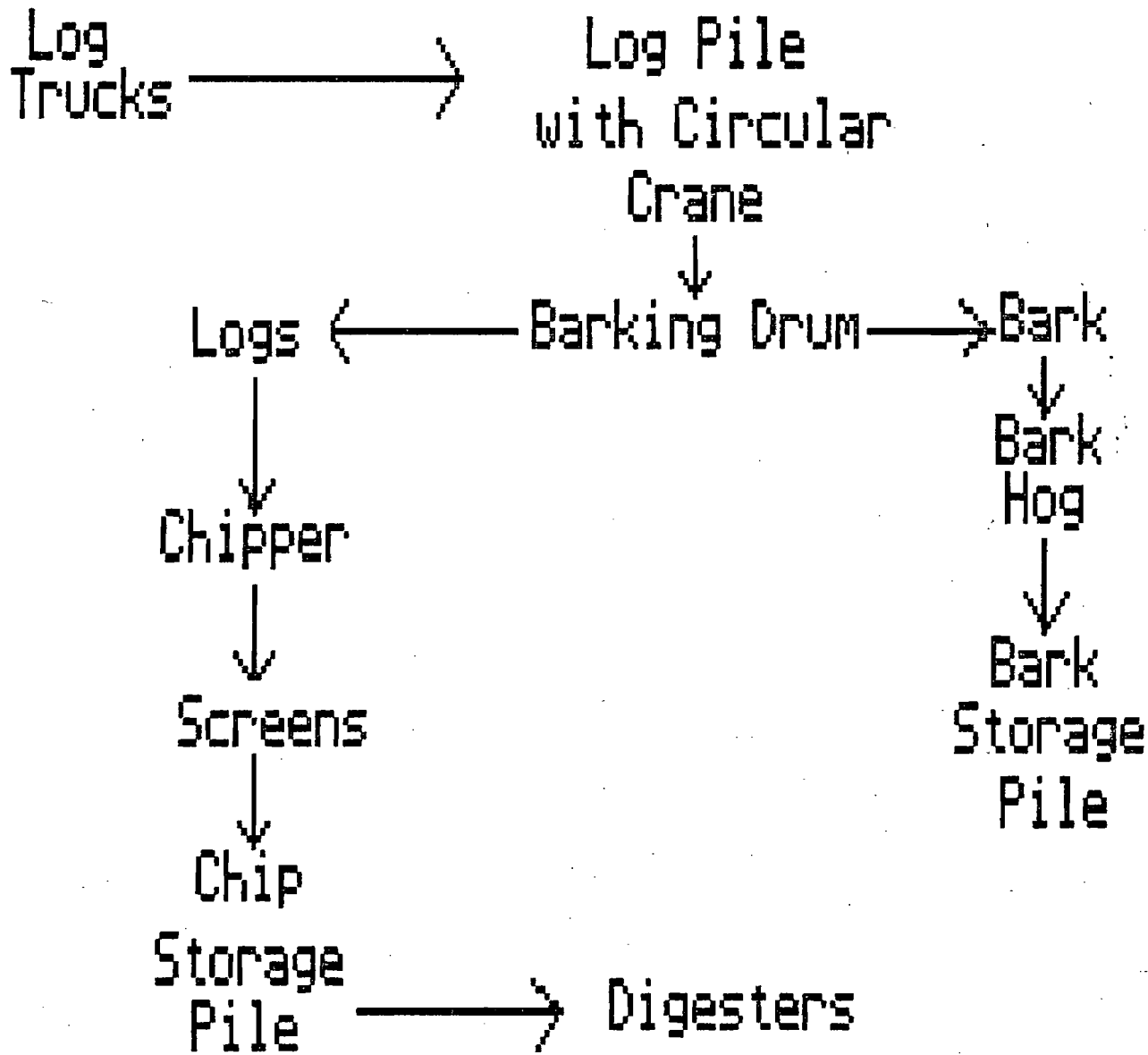
PART III

SUPPLEMENTAL INFORMATION

- o Mill Location Plot Plan
- o Affected Facility Plot Plan
- o Process Flow Diagram



# Chip Mill Process Flow Sheet



APPENDIX A  
IDENTIFICATION AND QUANTIFICATION OF POTENTIAL  
FUGITIVE PARTICULATE EMISSION POINTS

This appendix contains the remaining fugitive emission factor tables prepared for the guidance document. Note that these tables are presented as prepared for the guidance document. Table, section, and reference numbers refer to that document. These tables are presented to allow rapid dissemination of the information developed.



Table 2-59. IDENTIFICATION AND QUANTIFICATION OF POTENTIAL FUGITIVE PARTICULATE EMISSION POINTS FOR THE LUMBER AND FURNITURE INDUSTRY

Source of IPFPE	Uncontrolled fugitive emission factor	Emission factor reliability rating	Model plant fugitive emission inventory	
			Operating parameter, Mg/yr (tons/year)	Uncontrolled emissions Mg/yr (tons/yr)
<u>Sawmill</u>				
1. Log debarking	0.012 kg/Mg of logs debarked <sup>a</sup> (0.024 lb/ton of logs debarked)	E	Logs debarked 740,000 (820,000)	9 (10)
2. Sawing	0.18 kg/Mg of logs sawed <sup>a</sup> (0.35 lb/ton of logs sawed)	E	Logs sawed 650,000 (720,000)	117 (126)
3. Sawdust pile loading, unloading, and storage	0.5 kg/Mg sawdust handled <sup>b</sup> (1.0 lb/ton sawdust handled)	E	Sawdust handled 100,000 (110,000)	50 (55)
<u>Furniture Manufacturing</u>				
4. Wood waste storage bin vent	0.5 kg/Mg wood waste stored <sup>b</sup> (1.0 lb/ton wood waste stored)	E	Wood waste stored 1,360 (1,500)	1 (1)
5. Wood waste storage bin loadout	1.0 kg/Mg wood waste loaded out <sup>b</sup> (2.0 lb/ton wood waste loaded out)	E	Wood waste loaded out 1,360 (1,500)	1 (2)

<sup>a</sup> Estimate based on material balance of the waste produced by the specific operation and engineering judgement of the amount which becomes airborne.

<sup>b</sup> Engineering judgement based on observations on plant visits. It is recognized that in some plants this may be more of a severe problem.

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