

Check Sheet

Company Name: United States Gypsum Company
Permit Number: ~~AC16-065435~~ AC16-065435
PSD Number: _____
Permit Engineer: _____

Application:

- | | |
|---|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References: |
| <input type="checkbox"/> Incompleteness Letters | <input type="checkbox"/> |
| <input type="checkbox"/> Responses | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response | |
| <input type="checkbox"/> Other | |

Intent:

- Intent to Issue
 - Notice of Intent to Issue
 - Technical Evaluation
 - BACT or LAER Determination
 - Unsigned Permit
- Correspondence with:
- EPA
 - Park Services
 - Other
- Proof of Publication
 - Petitions - (Related to extensions, hearings, etc.)
 - Waiver of Department Action
 - Other

Final

Determination:

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

Post Permit Correspondence:

- Extensions/Amendments/Modifications
- Other

No. 0157012
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		D. J. Nootens	
STREET AND NO.			
CITY, STATE AND ZIP CODE			
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢	
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		5/19/83	

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
 Show to whom and date delivered.....¢
 Show to whom, date and address of delivery.....¢
 RESTRICTED DELIVERY
 Show to whom and date delivered.....¢
 RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery.\$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Mr. D. J. Nootens
 6825 Evergreen Ave.
 Jacksonville, FL 32208

3. ARTICLE DESCRIPTION:
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.
 | 0157012 |

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent
Paul Dauberly

DATE OF DELIVERY
 5/23/83

4. POSTMARK
 JACKSONVILLE FL 32208
 MAY 23 1983

5. ADDRESS (Complete only if requested):

6. UNABLE TO DELIVER BECAUSE:

7. CLEK'S INITIALS

★GPO : 1979-300-459

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

May 18, 1984 / 3

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. D. J. Nootens, Works Manager
United States Gypsum Company
6825 Evergreen Avenue
Jacksonville, Florida 32208

Dear Mr. Nootens:

Enclosed is Permit Number AC 16-65435, dated May 17, 1983 to United States Gypsum Company issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

Lawrence A. George
for C. H. Fancy, P.E.
Deputy Bureau Chief
Bureau of Air Quality
Management

CHF/bjm

Enclosure

cc: Ragan M. Womack, P.E., U. S. Gypsum Company
John Ketteringham, DER Northeast District office
Jerry Woosley, Jacksonville Bio-Environmental Services

FINAL DETERMINATION

United States Gypsum Company
Duval County
Calcium Carbonate Storage Bin

Permit Number
AC 16-65435

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

May 10, 1983

FINAL DETERMINATION

The United States Gypsum Company's request for the construction of a calcium carbonate storage bin at their paper mill facility in Jacksonville has been reviewed by the Bureau of Air Quality Management. The department's Intent to Issue was published in the Florida Times-Union on April 4, 1983.

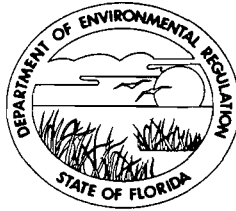
Copies of the department's preliminary determination and technical review were available for public inspection at the City of Jacksonville's Bio-Environmental Services Office, at the Northeast District Office and at the Bureau of Air Quality Management Office.

No comments were received concerning this air pollution source construction application.

Therefore, it is requested that the permit be issued as drafted in the preliminary determination.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Fl 32206-0197

Permit Number: AC 16-65435
Expiration Date: November 30, 1983
County: Duval
Latitude/Longitude: 30° 22' 52"N/
81° 38' 01"W
Project: Calcium Carbonate
Storage Bin

This permit is issued under the provisions of Chapter(s) 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 calcium carbonate bin, a filler chest machine and a Flex-Kleen 84 BVB 600 CFM baghouse system to be located at the paper mill building, 6825 Evergreen Avenue, Jacksonville, Florida. The Universal Transverse Mercator (UTM) coordinates of the proposed source are Zone 17, 438.9 km East, 3361.2 km North.

Construction shall be in accordance with the attached permit application and plans, documents, and drawings except as otherwise noted on pages 5-6 "Specific Conditions".

Attachments are as follows:

1. Application to construct Air Pollution Sources, DER Form 17-1.122(16).

PERMITTEE:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida
32206-0197

I. D. Number:
Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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 non-compliance 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:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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. Maximum allowable particulate matter emissions shall be 0.06 pound per hour and 0.2 tons per year. No visible emissions (less than 5 percent opacity) shall be allowed from the baghouse.
2. Maximum hours of operation shall not exceed 7,000 hours per year.
3. Maximum loading rate of the calcium carbonate bin shall be 30,000 pounds per hour. Maximum usage rate of the filler chest machine shall be 1,000 pounds per hour.

PERMITTEE:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I.D. Number:
Permit Number: AC 16-65435
Expiration Date: November 30, 1983

SPECIFIC CONDITIONS:

4. Compliance with the emission limitations shall be determined by visible emission testing using DER Method 9 as specified in Florida Administrative Code Rule 17-2.700. Compliance with the mass particulate matter emission limitation shall be determined using the DER Method 5 test as specified in Florida Administrative Code Rule 17-2.700 when requested by the Department or its representative when the visible emission limitations have been exceeded.
5. Compliance with the process rate limitations shall be determined by record keeping of the daily hours of operation of the source and the daily amount of calcium carbonate used. An annual operating report of this information for each calendar year shall be submitted to the Jacksonville Bio-Environmental Services Division Office by March 1 of the next year.
6. Prior to ninety days before the expiration of this permit, a complete application for an operating permit shall be submitted to the Jacksonville Bio-Environmental Services Division Office. Full operation of the sources may then be conducted in compliance with the terms of this permit until expiration or receipt of an operating permit.

Issued this 17 day of May, 1983

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



VICTORIA J. TSCHINKEL, SECRETARY

_____ Pages attached

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION
INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Victoria J. Tschinkel
FROM: Clair Fancy *Clair Fancy*
DATE: May 10, 1983
SUBJ: Approval of Air Construction Permit

RECEIVED
MAY 16 1983
Office of the Secretary

Attached for your approval and signature is one Air Construction Permit for which the applicant is United States Gypsum Company. The construction proposed is a calcium carbonate storage bin at the applicant's paper mill facility in Jacksonville, Duval County, Florida.

Day 90, after which the permit would be issued by default, is May 23, 1983.

The Bureau recommends your approval and signature.

CF/pa

Attachment

October 4, 1983

DER
OCT 06 1983
BAQM

The Florida Times Union
Box 1949F
Jacksonville, Florida 32231

Attn: Accounts Payable

Gentlemen:

With regard to the attached ad and billing, our records indicate the ad was not placed by this agency. It was placed by the U.S. Gypsum Company and should have been paid by, or billed to U.S. Gypsum.

Please locate the original order and if requested by anyone in this agency we will process payment.

Again, I request you correct your mailing address for this agency to show Attn: Purchasing, rather than Finance and Accounts.

Sincerely,

William H. Wallace
Purchasing Director

WHW/mch
Attachments

✓ cc: Bill Thomas, WWM&G

APR 11 1983

PURCHASING

FLORIDA PUBLISHING COMPANY

Publishers,

JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }
COUNTY OF DUVAL }

Before the undersigned authority personally appeared _____

George A. Dan who on oath says that he is

Retail Advertising Supervisor of The Florida Times-Union, and

Jacksonville Journal, daily newspapers published at Jacksonville in Duval County,

Florida; that the attached copy of advertisement, being a _____

Legal Notice

in the matter of Notice of proposed agency action

in the _____ Court,

was published in The Florida Times Union

in the issues of April 4, 1983

Affiant further says that the said The Florida Times-Union and Jacksonville Journal are each newspapers published at Jacksonville, in said Duval County, Florida, and that the said newspapers have each heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, and Jacksonville Journal each day except Sundays, and each has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval 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 said newspaper.

Sworn to and subscribed before me

this 4th day of

April A.D. 19 83.

Maone J. Long
Notary Public,
State of Florida at Large.

George A. Dan

My Commission Expires _____
Notary Public, State of Florida
My Commission Expires July 9, 1986

A 444

Notice of Proposed Agency Action
The Department of Environmental Regulation gives notice of its intent to issue a permit to the United States Gypsum Company to construct a calcium carbonate storage bin at its paper mill facility in Duval County. A determination of Best Available Control Technology (BACT) was not required.
A person who is substantially affected by the Department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-3, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.
The application, technical evaluation and Department's intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:
DER Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301-8241
DER Northwest District
3426 Bills Road
Jacksonville, Florida 32207
City of Jacksonville BIP
Environmental Services Division
515 West 6th Street
Jacksonville, Florida 32206-4397
Comments on this action shall be submitted in writing to Bill Thomas of the DER Tallahassee office within thirty (30) days of this notice.



REMITT

COUNT	404	405	NV	48F	N	AC	RE
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FLORIDA PUBLISHING COMPANY

Publishers

JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }
COUNTY OF DUVAL }

Before the undersigned authority personally appeared _____

George A. Dan

_____ who on oath says that he is

Retail Advertising Supervisor

_____ of The Florida Times-Union, and

Jacksonville Journal, daily newspapers published at Jacksonville in Duval County,

Florida; that the attached copy of advertisement, being a _____

Legal Notice

in the matter of Notice of proposed agency action

in the _____ Court,

was published in The Florida Times Union

in the issues of April 4, 1983

Affiant further says that the said The Florida Times-Union and Jacksonville Journal are each newspapers published at Jacksonville, in said Duval County, Florida, and that the said newspapers have each heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, and Jacksonville Journal each day except Sundays, and each has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval 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 said newspaper.

Sworn to and subscribed before me
this _____ day of _____
April 4, 1983

Naomi J. King
Notary Public,
State of Florida at Large.

George A. Dan

My Commission Expires _____
Notary Public, State of Florida
My Commission Expires July 9, 1986
Bonded Thru Troy Fain - Insurance, Inc.

Notice of Proposed Agency Action

The Department of Environmental Regulation gives notice of its intent to issue a permit to the United States Gypsum Company to construct a calcium carbonate storage bin at its paper mill facility in Duval County. A determination of Best Available Control Technology (BACT) was not required.

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The application, technical evaluation and Department's intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

- DER Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301-8241
- DER Northwest District
3426 Bills Road
Jacksonville, Florida 32207
- City of Jacksonville Bio-Environmental Services Division
515 West 6th Street
Jacksonville, Florida 32206-4397

Comments on this action shall be submitted in writing to Bill Thomas of the DER Tallahassee office within thirty (30) days of this notice.

DER
APR 07 1983
BAQM

PS Form 3871, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

- Show to whom and date delivered.....
- Show to whom, date and address of delivery.....
- RESTRICTED DELIVERY
Show to whom and date delivered.....
- RESTRICTED DELIVERY.
Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr. D. J. Nootens
6825 Evergreen Ave.
Jacksonville, FL 32208

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0157995	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

D. Brian Smith

4. DATE OF DELIVERY
3/25/83

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

POSTMARK: JACKSONVILLE FL STA. MAR 25 1983 PS-CLERK-3 INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

No. 0157995
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		Mr. D. J. Nootens	
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	RETURN RECEIPT SERVICE	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		3/23/83	

PS Form 3800, Apr. 1976

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

March 23, 1983

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. D. J. Nootens
Works Manager
United States Gypsum Company
6825 Evergreen Avenue
Jacksonville, Florida 32208

Dear Mr. Nootens:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permit for the construction of a calcium carbonate storage bin at your facility in Jacksonville, Duval County, Florida.

Before final action can be taken on your proposed permit, you are required by Florida Administrative Code Rule 17-1.62(3) to publish the attached Notice of Proposed Agency Action in the legal advertising section of a newspaper of general circulation in Duval County no later than fourteen days after receipt of this letter. The department must be provided with proof of publication within seven days of the date the notice is published. Failure to publish the notice will be grounds for denial of the permit.

The Preliminary Determination and proposed permit constitute a proposed action of the department and is subject to administrative hearing under the provisions of Chapter 120, Florida Statutes, if requested within fourteen days from receipt of this letter. Any petition for hearing must comply with the requirements of Florida Administrative Code Rule 28-5.201 and be filed with the Office of General Counsel, Florida Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to file a request for hearing within fourteen days shall constitute a waiver of your right to a hearing. Filing is deemed complete upon receipt by the Office of General Counsel.

Mr. D. J. Nootens
March 23, 1983
Page Two

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

Sincerely,



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

CHF/pa

Attachment

cc: Mr. Ragan M. Womack, P.E., U.S. Gypsum Company
Mr. Doug Dutton, DER Northeast District
Mr. Jerry E. Wosley, Jacksonville Dept. of Health, Welfare
& Bio-Environmental Services

Preliminary Determination
and
Technical Review

United States Gypsum Company
Duval County

Permit Number
AC 16-65435

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

March 22, 1983

Notice of Proposed Agency Action

The Department of Environmental Regulation gives notice of its intent to issue a permit to the United States Gypsum Company to construct a calcium carbonate storage bin at its paper mill facility in Duval County. A determination of Best Available Control Technology (BACT) was not required.

A person who is substantially affected by the Department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation and Department's intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

DER Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

DER Northwest District
3426 Bills Road
Jacksonville, Florida 32207

City of Jacksonville Bio-Environmental Services Division
515 West 6th Street
Jacksonville, Florida 32206-4397

Comments on this action shall be submitted in writing to Bill Thomas of the DER Tallahassee office within thirty (30) days of this notice.

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.

I. Project Description

A. Applicant:

United States Gypsum Company
6825 Evergreen Avenue
Jacksonville, Florida 32208

B. Project and Location:

The application's proposed project consists of constructing a calcium carbonate bin and filler machine. The calcium carbonate is to be used as a filler in the paper stock. The facility is located in Jacksonville in Duval County. The universal transverse mercator (UTM) coordinates of the source are zone 17, 438.9 km East and 3361.2 km North.

C. Project Description and Controls:

The paper mill facility will be modified by the addition of a calcium carbonate bin and a filler machine chest. Calcium carbonate will be stored in the bin. From the bin, the calcium carbonate will be transferred by an enclosed system to the filler machine chest. In the filler machine chest, the calcium carbonate is used in the paper stock as a filler.

The calcium carbonate bin and the filler machine chest will be controlled by a Flex-Kleen 84 BVB 600 CFM baghouse. Particulate matter emissions will be less than or equal to 0.01 grain per actual cubic foot of exhaust vented through the baghouse.

II. Rule Applicability

The papermill facility is a minor facility since it does not meet the definition of major facility contained in Florida Administrative Code Rule 17-2.100(95).

The proposed project is located in an area classified as nonattainment for ozone according to Florida Administrative Code Rule 17-2.410(1). The project is located in an area classified as unclassifiable for the pollutant sulfur dioxide according to Florida Administrative Code Rule 17-2.430(2). The project is located in an area classified as attainment for the remaining criteria pollutants according to Florida Administrative Code Rule 17-2.420. The project is also located in the area of influence of the Jacksonville particulate matter nonattainment area.

The proposed project is exempted from the requirements of Florida Administrative Code Rule 17-2.500 Prevention of Significant Deterioration according to Florida Administrative Code Rule 17-2.500(2)(d)3. since this project is a minor increase to a minor facility.

Since no volatile organic compound emissions are emitted from this source, the project is exempt from the requirements of Florida Administrative Code Rule 17-2.510 New Source Review for Nonattainment Areas for the Duval County ozone nonattainment area. The project is exempt from the New Source Review Requirements for the Jacksonville particulate matter nonattainment area according to Florida Administrative Code Rule 17-2.510(2)(a)2.b..

The proposed project, therefore, will be permitted according to the requirements found in Florida Administrative Code Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements.

III. Summary of Emissions and Air Quality Analysis

A. Emission Limitations:

The pollutant emitted during the operation of the calcium carbonate bin and filler chest machine is particulate matter. The particulate matter emission estimate is based upon the exhaust gas volume of the baghouse and the grain loading guarantee of the manufacturer (0.01. grain/acfm). Annual emissions are based upon 7,000 hours per year operation as presented in the permit calculation section of the permit application. The maximum particulate matter emissions from the calcium carbonate bin and filler chest machine are estimated to be 0.06 lb/hr and 0.2 TPY.

B. Air Quality Analysis:

Since the increase in particulate matter emissions are below the significance levels indicated in Table 500-2 of Florida Administrative Code Rule 17-2.500, an ambient air quality analysis is not required.

IV. Conclusions

The proposed particulate emission rate from the baghouse meets the requirements of Florida Administrative Code Rule 17-2.520. The project will not effect the reasonable further progress of the Jacksonville particulate matter nonattainment area toward attaining the ambient air quality standards.

Hours of operation and calcium carbonate usage should be reported to demonstrate compliance with the proposed limitations.

Visible emissions testing of less than five percent opacity (no visible emissions) are adequate to demonstrate compliance with the mass particulate matter emission rate. The mass emission test would be required if the visible emissions test exceeds no visible emissions.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all applicable requirements of Florida Administrative Code Rule, Chapter 17-2.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Fl 32206-0197

Permit Number: AC 16-65435
Expiration Date: November 30, 1983
County: Duval
Latitude/Longitude: 30° 22' 52"N/
81° 38' 01"W
Project: Calcium Carbonate
Storage Bin

This permit is issued under the provisions of Chapter(s) 403
17-2 and 17-4, 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 calcium carbonate bin, a filler chest
machine and a Flex-Kleen 84 BVB 600 CFM baghouse system to be
located at the paper mill building, 6825 Evergreen Avenue,
Jacksonville, Florida. The Universal Transverse Mercator (UTM)
coordinates of the proposed source are Zone 17, 438.9 km East,
3361.2 km North.

Construction shall be in accordance with the attached permit
application and plans, documents, and drawings except as otherwise
noted on pages 5-6 "Specific Conditions".

Attachments are as follows:

1. Application to construct Air Pollution Sources, DER Form
17-1.122(16).

PERMITTEE:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida
32206-0197

I. D. Number:
Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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 non-compliance 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:

United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I. D. Number:

Permit Number: AC 16-65435
Expiration Date: November 30, 1983

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. Maximum allowable particulate matter emissions shall be 0.06 pound per hour and 0.2 tons per year. No visible emissions (less than 5 percent opacity) shall be allowed from the baghouse.
2. Maximum hours of operation shall not exceed 7,000 hours per year.
3. Maximum loading rate of the calcium carbonate bin shall be 30,000 pounds per hour. Maximum usage rate of the filler chest machine shall be 1,000 pounds per hour.

PERMITTEE:
United States Gypsum Co.
P. O. Box 3197
Jacksonville, Florida 32206-0197

I.D. Number:
Permit Number: AC 16-65435
Expiration Date: November 30, 1983

SPECIFIC CONDITIONS:

4. Compliance with the emission limitations shall be determined by visible emission testing using DER Method 9 as specified in Florida Administrative Code Rule 17-2.700. Compliance with the mass particulate matter emission limitation shall be determined using the DER Method 5 test as specified in Florida Administrative Code Rule 17-2.700 when requested by the Department or its representative when the visible emission limitations have been exceeded.

5. Compliance with the process rate limitations shall be determined by record keeping of the daily hours of operation of the source and the daily amount of calcium carbonate used. An annual operating report of this information for each calendar year shall be submitted to the Jacksonville Bio-Environmental Services Division Office by March 1 of the next year.

6. Prior to ninety days before the expiration of this permit, a complete application for an operating permit shall be submitted to the Jacksonville Bio-Environmental Services Division Office. Full operation of the sources may then be conducted in compliance with the terms of this permit until expiration or receipt of an operating permit.

Issued this ____ day of _____, 1983

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, SECRETARY

____ Pages attached

DEPARTMENT OF HEALTH, WELFARE
& BIO-ENVIRONMENTAL SERVICES
Bio-Environmental Services Division
Air and Water Pollution Control



February 2, 1983

DER

FEB 3 1983

BAQM

Pat

Mr. Clair Fancy, P. E., Deputy Director
Central Air Permitting Section
Department of Environmental Regulation
Twin Towers Office Building
2600 Blainstone Road
Tallahassee, Florida 32301

Dear Mr. Fancy:

The enclosed application for a Construction Permit and \$100.00 processing fee (Check #001002) is being forwarded to your office for processing pursuant to the guidelines available to this Agency. Bio-Environmental Services Division does not have any comments on this application at the present time.

Please contact me if I may be of further assistance in this matter.

Very truly yours,

Jerry E. Woosley
Assistant Engineer

JEW/am

Enc.

cc: Doug Dutton - DER w/enc.



UNITED STATES GYPSUM COMPANY //

Post Office Box 3197/Jacksonville, Florida 32206-0197

January 24, 1983

Mr. Jerry Woosley, Assistant Engineer
Bio-Environmental Services Division
515 West 6th St.
Jacksonville, Florida 32206

Dear Mr. Woosley:

Enclosed is our Application to Construct Air Pollution Source - Calcium Carbonate Storage Bin (PM-5). Also enclosed is our check for \$100.00 to cover the permit fee.

If you need additional information, please call.

Very truly yours,



Chris Lawson
Project Engineer

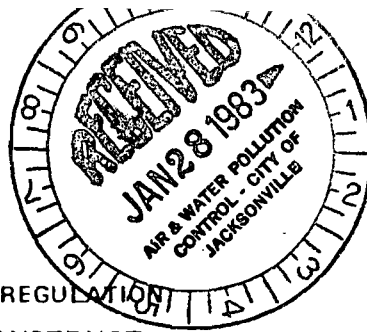
CL:jw

Encls.



DER
FEB 3 1983
BAQM

AC 116-65435



DER

FEB 3 1983

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

BAQM

SOURCE TYPE: Storage Bin Vent [X] New [] Existing

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

COMPANY NAME: United States Gypsum Co. COUNTY: Duval

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Calcium Carbonate Storage Bin (PM-5)

SOURCE LOCATION: Street 6825 Evergreen Ave. City Jacksonville

UTM: East 4 38 900 North 33 61 200

Latitude 30 0 22 52 "N Longitude 81 0 38 01 "W

APPLICANT NAME AND TITLE: D. J. Nootens, Works Manager

APPLICANT ADDRESS: 6825 Evergreen Ave., Jacksonville, Florida 32208

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of United States Gypsum Co.

I certify that the statements made in this application for a air pollution 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.

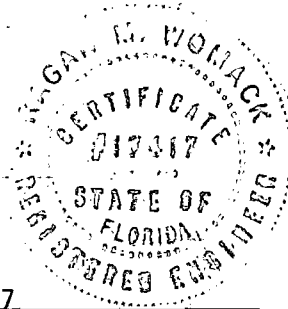
*Attach letter of authorization,

Signed: [Signature] D. J. Nootens, Works Manager Name and Title (Please Type) Date: 1/24/83 Telephone No. (904) 768-2501

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 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.

(Affix Seal)



Signed: [Signature] Ragan M. Womack Name (Please Type) United States Gypsum Co. Company Name (Please Type) P.O. Box 3197, Jacksonville, FL 32206 Mailing Address (Please Type) Date: 1/24/83 Telephone No. (904) 768-2501

Florida Registration No. 17417

1See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

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.

This project involves the addition of calcium carbonate to be used in the paper stock as a filler. A baghouse will be required to vent the calcium carbonate bin and the filler machine chest.

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

Start of Construction 4/1/83 Completion of Construction 6/15/83

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.)

Costs are for the baghouse and associated ducting and installation.

Total cost = \$4,000.

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

None.

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr _____ ; if seasonal, describe: Not seasonal, but tied to normal business fluctuations.

G. 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) requirements 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

Attach all supportive information related to any answer of "Yes". Attach any justification 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:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
CaCO ₃ Bin Vent	Particulate		30,000	See flow sheet
CaCO ₃ Chest Vent			1,000	" " "

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

1. Total Process Input Rate (lbs/hr): 31,000

2. Product Weight (lbs/hr): 31,000

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Particulates	0.0514	0.18			102.8	359.8	See addendum

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)
Flex-Kleen 84BVB	Particulate	99.95		Design
600 CFM Baghouse				

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard

⁴Emission, if source operated without control (See Section V, Item 3)

⁵If Applicable

E. Fuels N/A

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

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating. Annual Average _____ Maximum _____

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

All dust is returned to process.

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

Stack Height: 33 ft. Stack Diameter: 0.50 ft.

Gas Flow Rate: 600 ACFM Gas Exit Temperature: 90 °F.

Water Vapor Content: 2 % Velocity: 51 FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	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 rate in grains per standard cubic foot dry gas corrected to 50% 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.): _____

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight — show derivation.
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, 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 8½" 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 8½" 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 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

PERMIT CALCULATIONS

Process weight - 31,000 Lbs./Hr.

Product weight - 31,000 Lbs./Hr.

Particulates from Baghouse:

$$600 \frac{\text{Ft.}^3}{\text{Min.}} * 60 \frac{\text{Min.}}{\text{Hr.}} * 0.01 \frac{\text{Grain}}{\text{Ft.}^3} * \frac{1 \text{ Lb.}}{7000 \text{ Grain}} = 0.0514 \text{ Lbs./Hr.}$$

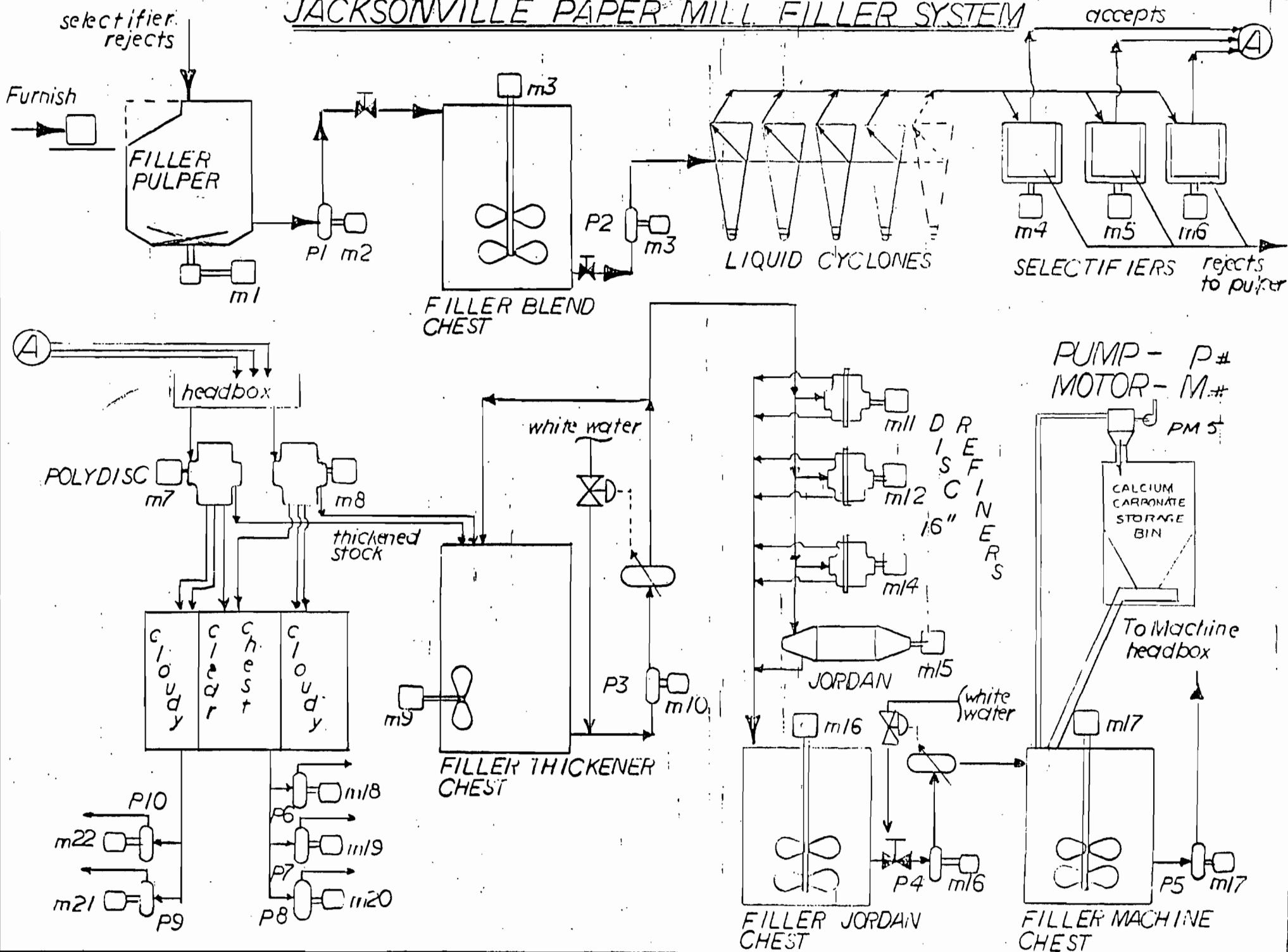
$$0.0514 \frac{\text{Lbs.}}{\text{Hr.}} * 7000 \frac{\text{Hrs.}}{\text{Yr.}} * \frac{1 \text{ Ton}}{2000 \text{ Lbs.}} = 0.18 \text{ Tons/Yr.}$$

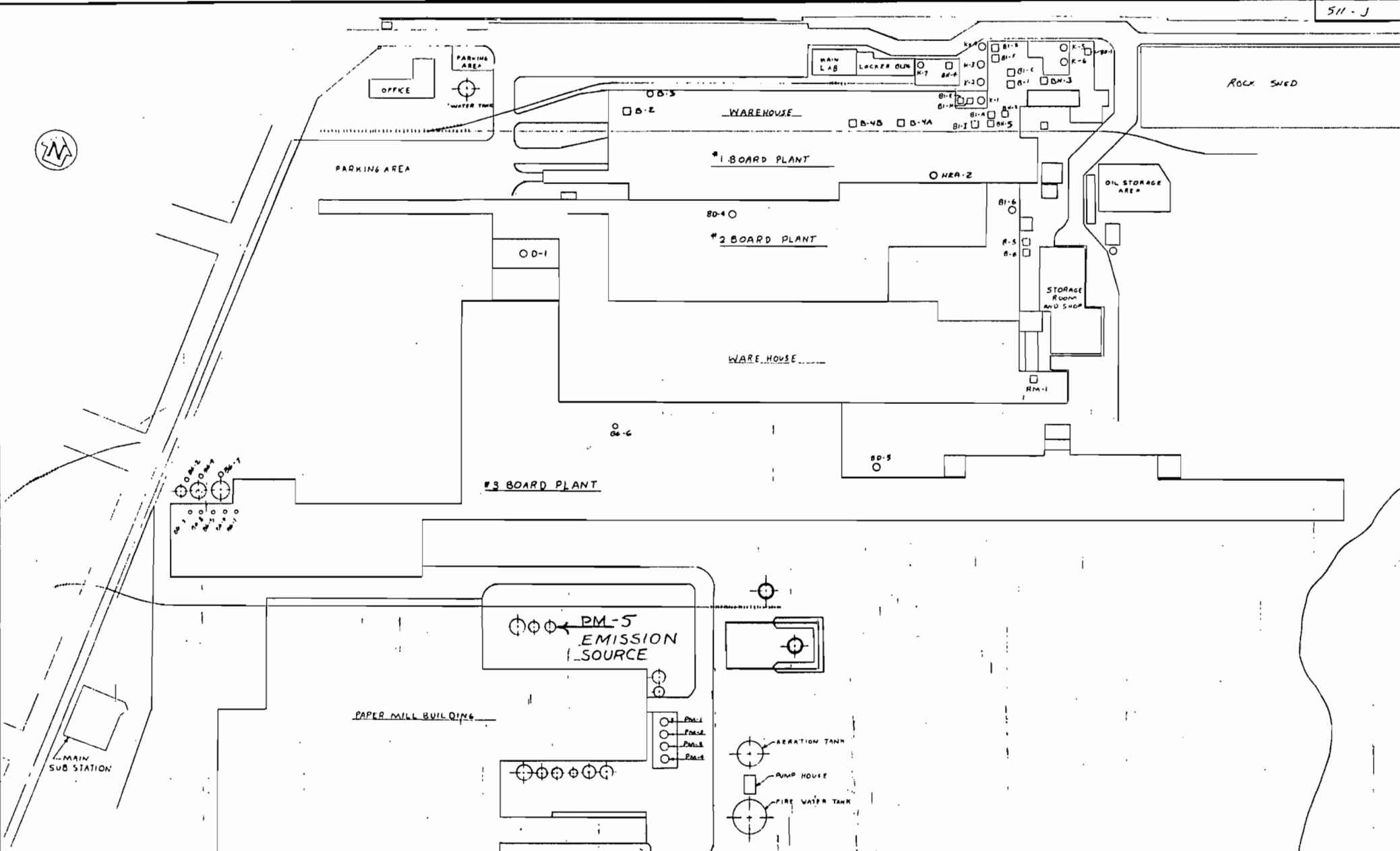
Potential Emissions:

$$0.0514 \text{ Lbs./Hr.} * \frac{100\%}{(100 - 99.95)\%} = 102.8 \text{ Lbs./Hr.}$$

$$102.8 \text{ Lbs./Hr.} * 7000 \frac{\text{Hrs.}}{\text{Yr.}} * \frac{1 \text{ Ton}}{2000 \text{ Lbs.}} = 359.8 \text{ Tons/Yr.}$$

JACKSONVILLE PAPER MILL FILLER SYSTEM

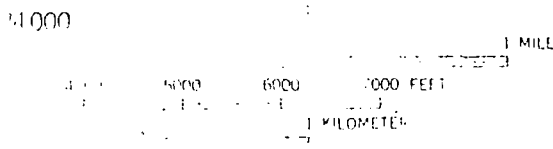
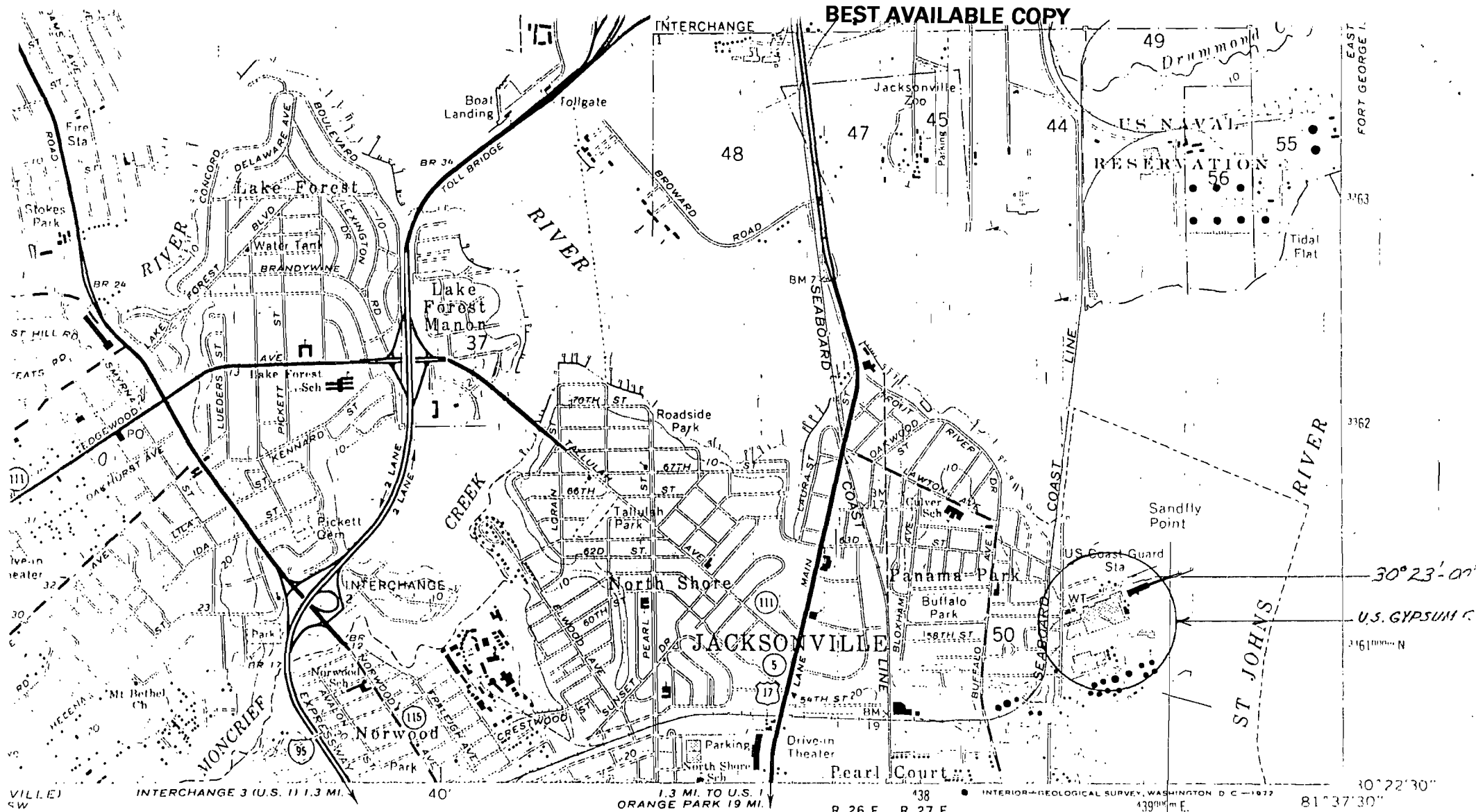




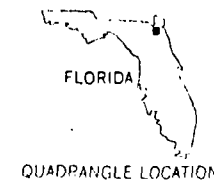
REVISION	DATE	DESCRIPTION	APPROVED BY	DATE	SCALE	PROJECT	LOCATION	REV.
①	12-15-66	PRELIMINARY						
②	1-10-67	FINAL						
③	3-15-67	REVISION						
④	5-15-67	REVISION						
⑤	7-15-67	REVISION						
⑥	9-15-67	REVISION						
⑦	11-15-67	REVISION						
⑧	1-15-68	REVISION						
⑨	3-15-68	REVISION						
⑩	5-15-68	REVISION						
⑪	7-15-68	REVISION						
⑫	9-15-68	REVISION						
⑬	11-15-68	REVISION						
⑭	1-15-69	REVISION						
⑮	3-15-69	REVISION						
⑯	5-15-69	REVISION						
⑰	7-15-69	REVISION						
⑱	9-15-69	REVISION						
⑲	11-15-69	REVISION						
⑳	1-15-70	REVISION						
㉑	3-15-70	REVISION						
㉒	5-15-70	REVISION						
㉓	7-15-70	REVISION						
㉔	9-15-70	REVISION						
㉕	11-15-70	REVISION						
㉖	1-15-71	REVISION						
㉗	3-15-71	REVISION						
㉘	5-15-71	REVISION						
㉙	7-15-71	REVISION						
㉚	9-15-71	REVISION						
㉛	11-15-71	REVISION						
㉜	1-15-72	REVISION						
㉝	3-15-72	REVISION						
㉞	5-15-72	REVISION						
㉟	7-15-72	REVISION						
㊱	9-15-72	REVISION						
㊲	11-15-72	REVISION						
㊳	1-15-73	REVISION						
㊴	3-15-73	REVISION						
㊵	5-15-73	REVISION						
㊶	7-15-73	REVISION						
㊷	9-15-73	REVISION						
㊸	11-15-73	REVISION						
㊹	1-15-74	REVISION						
㊺	3-15-74	REVISION						
㊻	5-15-74	REVISION						
㊼	7-15-74	REVISION						
㊽	9-15-74	REVISION						
㊾	11-15-74	REVISION						
㊿	1-15-75	REVISION						

UNITED STATES GYPSUM CO. CHICAGO, ILL.
 JACKSONVILLE, FLA.
 AIR POLLUTION SOURCES
 REV. ①

SCALE: NONE



VAL TO FEET
 4 FEET
 1 FEET IS MEAN-LOW WATER
 1 FEET IS MEAN-HIGH WATER
 1 FOOT



QUADRANGLE LOCATION

- ROAD CLASSIFICATION
- Heavy-duty ——— Light duty
 - Medium-duty - - - - - Unimproved dirt
 - Ⓜ Interstate Route Ⓜ U.S. Route Ⓞ State Route

TROUT RIVER, FLA.

N3022.5—W8137.5 (7.5)

1964
 PHOTOGRAPHED 1970
 AMS 4644 1 NW SERIES VR47

AT MAP A BRACY STANDARDS
 SURVEY, WASHINGTON, D. C. 20242
 AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES GYPSUM COMPANY

JACKSONVILLE, FL

PLANT DISBURSEMENT ACCOUNT

THE NORTHERN TRUST COMPANY
PAYABLE AT
NORTHERN TRUST BANK - NAPERVILLE
NAPERVILLE, ILLINOIS

DATE: **No 001002**
JANUARY 24, 1983

AMOUNT
\$100.00

Florida Department Of Environmental Regulations

UNITED STATES GYPSUM COMPANY
AUTHORIZED SIGNATURE

[Handwritten Signature]
USG 5073 REV 11 82

PAY TO THE
ORDER OF



FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No 33647

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from U. S. Gypsum Company Date Feb. 3, 1983

Address P. O. Box 3197, Jacksonville Dollars \$ 100.00

Applicant Name & Address Same as above

Source of Revenue _____

Revenue Code 0101 Application Number AC 16-65435

By Patricia G. Adams