

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
↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to: Mr. L. D. Riley, Jr. Environmental Superintendent Stone Container Corp. P.O. Box 2560 Panama City, FL 32402	4. Article Number P27 007 486 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 Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature -- Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature -- Agent X <i>Hester Barber</i>	
7. Date of Delivery <i>10-27-88</i>	

PS Form 3811, Mar. 1987

* U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

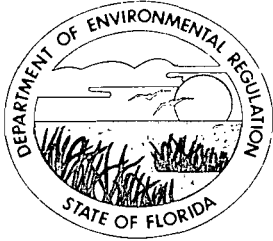
P 274 007 486
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Mr. L. D. Riley, Jr., Stone Street and No. Container Corp. P.O. Box 2560 P.O., State and ZIP Code Panama City, FL 32402	
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: 10-26-88
 Permit: AC 03-142979
 AC 03-149716, -17
 -18, -19

* U.S.G.P.O. 1985-480-794

 PS Form 3800, June 1985



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. L. D. Riley, Jr.
Environmental Superintendent
Stone Container Corporation
Post Office Box 2560
Panama City, Florida 32402


October 24, 1988

Enclosed are permit Nos. AC 03-142979, AC 03-149716, AC 03-149717, AC 03-149718, and AC 03-149719 for Stone Container Corporation to construct a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The project is located in Panama City, Bay County, Florida. These permits are issued pursuant to Section 403, Florida Statutes.

Any party to these permits has the right to seek judicial review of these permits 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 these permits are filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



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

Copy furnished to:

E. Middleswart, NW District
R. Sublette, NW District Branch
C. Fontaine, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 10/26/88.

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.

Mindy Rogers
Clerk

10/26/88
Date

Final Determination

Stone Container Corporation
Bay County

Digester System
Permit No. AC 03-142979

No. 1A Multiple Effect Evaporator System
Permit No. AC 03-149716

No. 2 Multiple Effect Evaporator System
Permit No. AC 03-149717

No. 3 Multiple Effect Evaporator System
Permit No. AC 03-149718

Lime Kiln
Permit No. AC 03-149719

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

October 14, 1988

Final Determination

Stone Container Corporation's applications for construction permits for the Digester System, No. 1A Multiple Effect Evaporator System, No. 2 Multiple Effect Evaporator System, No. 3 Multiple Effect Evaporator System, and Lime Kiln at the existing facility in Bay County, Florida, have been reviewed by the Department. Public Notice was published in the News-Herald on August 2, 1988, and September 2, 1988.

The company provided verbal comments in response to the Public Notice which were followed with written comments that confirmed the results of discussions with the Department. The Department will address both the verbal and written comments in this determination.

The Department's consideration of comments is described below:

Comment: The applicant asked that the maximum hourly operation rate allowed for the Digester System in Specific Condition No. 2.b. of construction permit AC 03-142979 be increased from 79.6 tons of air dry unbleached pulp (ADUP) per hour to 120 tons of ADUP per hour. The applicant's reason was that blockages sometimes prevented the immediate blowing of individual digester systems in accordance with the usual schedule. The removal of the blockage makes it necessary to blow more than the usual number of individual digester systems at the same time. The applicant pointed out that an increase in the maximum daily operation rate of 1911 tons of ADUP per day was not being requested.

Response: Specific Condition No. 2.b. of construction permit AC 03-142979 has been amended to increase the maximum hourly operation rate of the Digester System from 79.6 tons of ADUP per hour to 120 tons of ADUP per hour. The change will not result in an increase in the daily and annual operation rates and the associated emissions.

Comment: The applicant asked that the limitation on visible emissions from the lime kiln in Specific Condition No. 4.b. of construction permit AC 03-149719 be amended by incorporating the language from Specific Condition No. 18 of the interim operation permit.

Response: The Department has reviewed the applicant's requested change and finds that it reflects the intent of F.A.C. Rule 17-2.610(2)(b). Specific Condition No. 4.b. of construction permit AC 03-149719 has been amended pursuant to the request. The amendment is not expected to result in any increase in the allowable visible emissions from the lime kiln. The amendment to this specific condition makes it clear that an exceedance of the visible emission limit is not a violation if the presence of uncombined water is the only reason for the exceedance.

Comment: The applicant asked the Department to review the expiration dates listed on construction permits AC 03-142979, AC 03-149716, AC 03-149717, AC 03-149718, and AC 03-149719 and ascertain the correctness of these dates. The applicant also wanted to know if six months should be added to the final compliance date for the lime kiln.

Response: The Department has reviewed the expiration dates listed on the referenced construction permits and found them to be correct. The final compliance date for the lime kiln is correct based on the changes proposed by the applicant.

Comment: The applicant asked that the Department amend the permits to allow compliance tests to be conducted using any source test method that the Department has approved for another source of the same type. The proposed amendment would have changed Specific Conditions Nos. 5 and 11 of construction permit AC 03-149719 for the lime kiln, Specific Condition No. 7 of construction permits AC 03-149716 through AC 03-149718 for the No. 1A, No. 2 and No. 3 Multiple Effect Evaporator Systems, and Specific Condition No. 8 of construction permit AC 03-142979 for the Digester System.

Response: The procedures for obtaining approval of alternate source test procedures are included in FAC 17-2.700(3) [Exceptions and Approval of Alternate Procedures and Requirements]. This rule requires the owners of affected sources to obtain approval to use alternate source test procedures on a case-by-case basis. If the Department adopts a new source test method for a specific category of sources, it is normally a routine procedure for the owner of a permitted source to obtain approval to use the newly adopted procedure.

The final action of the Department is to issue the permits as proposed in the Preliminary Determination with the amendments described above.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

PERMITTEE:

Stone Container Corporation
P. O. Box 2560
Panama City, FL 32402

Permit Number: AC 03-149719
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W

Project: Lime Kiln

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 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:

This permit is for the lime kiln. The construction of a noncondensable gas (NCG) handling system to convey all air pollutant emissions from the No. 1A, No. 2, and No. 3 multiple effect evaporator (MEE) systems and the digester system to the lime kiln for incineration. The construction of a system to inject the gases from the NCG system into the lime kiln for incineration. The project is located at the permittee's kraft pulp mill in Panama City, Bay County, Florida. The UTM coordinates are Zone 16, 632.8 km East, and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills

The Standard Classification Codes are: Pulp & Paper Industry

A. Pulp and Paper Industry

Major Group: 26 Sulfate (Kraft) Pulping
o Lime Kiln 3-07-001-06

B. Mineral Products

Major Group 32: Lime Manufacture
o Calcining-Rotary Lime Kiln 3-05-016-04

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

ATTACHMENTS

AC 03-149719

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C. H. Fancy's letter to J. F. Stewart, dated December 4, 1987.
3. L. D. Riley's letter to C. H. Fancy, dated December 4, 1987, received December 7, 1987.
4. C. H. Fancy's letter to J. P. Stewart, dated January 22, 1988.
5. Revised permit application for the lime kiln, received May 5, 1988.
6. C. H. Fancy's letter to J. F. Stewart, dated June 3, 1988.
7. L. D. Riley's letter to C. H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L. D. Riley's letter to C. H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L. D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.
11. L. D. Riley's letter to Mike Harley, dated September 19, 1988, received September 20, 1988.
12. Final Determination, dated October 14, 1988.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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. The lime kiln may operate continuously, i.e., 8760 hrs/yr.
2. The maximum lime production rate shall not exceed 36,700 lbs CaO/hr (dry) and is based on a total process input rate of 85,000 lbs/hr lime mud (dry).
3. The No. 6 fuel oil firing rate shall not exceed 139 MMBtu/hr heat input. The sulfur content of the fuel oil shall not exceed 2.5% by weight. The natural gas firing rate shall not exceed 216 MMBtu/hr heat input. The sulfur content of the natural gas shall not exceed 0.1% by weight.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

4. The maximum pollutant emissions shall not exceed:

- a. Particulate Matter (PM): 29.83 lbs/hr, 130.7 TPY
- b. Visible Emissions (VE): If the Department observes visible emissions in excess of 20% opacity beyond the dissipated steam plume, it shall be considered good reason to believe that the applicable mass emission standard is in danger of being violated. The permittee shall be required to run a special compliance test in accordance with F.A.C. Rule 17-2.700(2)(b). Such test shall be conducted within 14 days after notification by the Department.
- c. TRS: 20 ppmvd @ standard conditions corrected to 10% O₂, as a 12-hr average (6.02 lbs/hr, 26.4 TPY)

5. Initial and annual compliance tests shall be conducted using the following test methods or other test methods approved by the Department in accordance with Rule 17-2.700, F.A.C.

- a. EPA Method 5, Determination of Particulate Emissions from Stationary Sources
- b. EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
- c. EPA Method 16 or 16A, Determination of TRS Emissions from Stationary Sources

6. The lime kiln is subject to the provisions of F.A.C. Rules 17-2.240: Circumvention, 17-2.250: Excess Emissions, 17-4.130: Plant Operations-Problems, 17-2.710(3)(b): Continuous Monitoring, 17-2.710(4): Quarterly Reporting Requirements, 17-4.140: Reports, and 17-2.971(1)(c): Compliance Schedules for Continuous Monitoring Requirements.

7. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive emissions.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

8. Pursuant to F.A.C. Rule 17-2.960(1), Compliance Schedules, the lime kiln shall be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office by June 27, 1989.

9. The lime kiln shall be tested one-time only for SO₂ emissions to establish the level of SO₂ for PSD tracking purposes. The test(s) shall be performed using EPA Method 6 in accordance with F.A.C. Rule 17-2.700(6)(b)6 or an alternate method approved by the Department in accordance with 17-2.700, F.A.C.

10. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to F.A.C. Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

11. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit an application for an operation permit, including the application fee, the compliance test results, and the Certificate of Completion to the 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 in accordance with F.A.C. Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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 (F.A.C. Rule 17-4).

12. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to F.A.C. Rule 17-2.100(118), Modification, shall be submitted for approval to the DER's Bureau of Air Quality Management.

PERMITTEE:
Stone Container Corp.


Permit Number: AC 03-149719
Expiration Date: Sept. 24, 1989

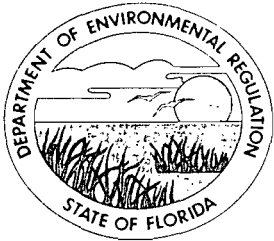
SPECIFIC CONDITIONS:

13. The TRS emissions from the digester system (AC 03-142979), No. 1A MEE system (AC 03-149716), No. 2 MEE system (AC 03-142717), and the No. 3 MEE (AC 03-142718) shall be incinerated in the lime kiln which is a control device pursuant to F.A.C. Rule 17-2.100(10) for the referenced sources and a source pursuant to FAC Rules 17-2.100(103) and (177).

Issued this 19 day of Oct,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dale Twachtmann, Secretary



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

PERMITTEE:
Stone Container Corp.
P. O. Box 2560
Panama City, FL 32402

Permit Number: AC 03-142979
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W
Project: Digester System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 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:

This permit is for the digester system which consists of 22 batch digester systems. Each batch digester system includes the batch digester, the blow tank(s), the blow heat accumulator(s), the turpentine condenser system(s), etc. pursuant to F.A.C. Rule 17-2.100(59)[Definitions-Digester System]. The construction of a new digesting blow heat accumulator as a replacement for two presently installed digesting accumulators. The construction of improvements to the turpentine condenser system. The construction of a noncondensable gas (NCG) handling system to convey all air pollutant emissions from the digester system to the lime kiln for incineration. The project is located at the permittee's kraft pulp mill in Panama City, Bay County, Florida. The UTM coordinates are Zone 16, 632.8 km East, and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills
The Standard Classification Codes are: Pulp & Paper Industry
Major Group 26: Sulfate (Kraft) Pulping
o Batch Digester System 3-07-001-01
o Turpentine Condenser 3-07-001-07

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

AC 03-142979

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C. H. Fancy's letter to J. F. Stewart, dated December 4, 1987.
3. L. D. Riley's letter to C. H. Fancy, dated December 4, 1987, received December 7, 1987.
4. C. H. Fancy's letter to J. P. Stewart, dated January 22, 1988.
5. Revised permit application for the digester system, received May 5, 1988.
6. C. H. Fancy's letter to J. F. Stewart, dated June 3, 1988.
7. L. D. Riley's letter to C. H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L. D. Riley's letter to C. H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L. D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.
11. L. D. Riley's letter to Mike Harley, dated September 19, 1988, received September 20, 1988.
12. Final Determination; dated October 14, 1988.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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. The digester system may operate continuously, i.e. 8760 hours/year.
- 2.a. For PSD purposes, the annual production rate of the digester system will be 668,850 tons of air dry unbleached pulp (ADUP) per year.
- b. For NSPS purposes, the maximum production rate of the digester system will be 120 tons of ADUP per hour and 1911 tons of ADUP per day.
- c. For testing purposes, the maximum production rate of the

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

SPECIFIC CONDITIONS:

digester system will be 79.6 tons of ADUP per hour. Tests for compliance will be performed with the control device (lime kiln) operating at 90-100% of the maximum lime kiln operating rate and with the digester system operating as near the maximum production rate as possible, but in no case shall the operating rate of the digesters be less than 85% of the maximum production rate.

3. The digester system is subject to the total reduced sulfur (TRS) emission limiting standard pursuant to Florida Administrative Code (F.A.C.) Rule 17-2.600(4)(c)1.a., which requires combustion of the TRS gases in the lime kiln, from which the exhaust gases shall not contain TRS in excess of 20 ppmvd at standard conditions corrected to 10% O₂ as a 12-hour average, in accordance with FAC Rule 17-2.600(4)(c)5.

4. The digester system is subject to the provisions of F.A.C. Rule 17-2.600(4)(c)1.c., which includes the requirement of establishing a contingency plan.

5. The digester system is subject to the provisions of F.A.C. Rules 17-2.240: Circumvention, 17-2.250: Excess Emissions, and 17-4.130: Plant Operation-Problems.

6. The digester system is subject to the provisions of F.A.C. Rules 17-2.710(4): Quarterly Reporting Requirements, and 17-4.140: Reports.

7. Compliance tests using EPA Method 16 or 16A, Determination of TRS Emissions from Stationary Sources, in accordance with F.A.C. Rule 17-2.700, shall be conducted if the permittee does not incinerate the TRS gases from the digester system in the lime kiln.

8. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive gaseous emissions.

9. Pursuant to F.A.C. Rule 17-2.960(1), the digester system shall be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office by June 27, 1989.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

SPECIFIC CONDITIONS:

10. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to F.A.C. Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

11. 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 operation permit, including the application fee, compliance test results, the Certificate of Completion, and the contingency plan, to the 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 in accordance with F.A.C. Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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 (F.A.C. Rule 17-4).

12. Any change in the method of operation, raw materials and chemicals processed, equipment, or operation hours pursuant to F.A.C. Rule 17-2.100(118), Modification, shall be submitted for approval to DER's Bureau of Air Quality Management.

13. The lime kiln's construction/operating permit(s) shall have a Specific Condition that the lime kiln is the TRS control device for the digester system.

14. The lime kiln shall be tested for TRS and one-time only for SO₂ emissions. The results will be used to rule out or require further emissions review pursuant to F.A.C. Rule 17-2.500, PSD.

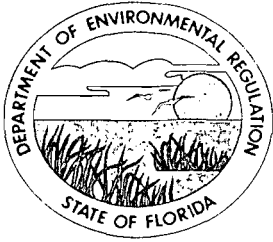
PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

Issued this 19 day of Oct,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dale Twachtman, Secretary



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

PERMITTEE:
Stone Container Corp.
P. O. Box 2560
Panama City, FL 32402

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W
Project: No. 1A, No. 2, and No. 3
Multiple Effect Evaporator Systems

These permits are issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 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:

These permits are for the No. 1A, No. 2, and No. 3 Multiple Effect Evaporator (MEE) Systems, which include the multiple effect evaporators and the associated condenser(s), and hot well(s), and for the construction of a noncondensable gas (NCG) handling system to collect and transport all of the NCG emissions from the MEE Systems to the lime kiln for incineration. The permit numbers assigned to the No. 1A, No. 2, and No. 3 MEE systems are AC 03-149716, AC 03-149717, and AC 03-149718 respectively. The project will occur at the permittee's existing facility. The UTM coordinates are Zone 16, 632.8 km East and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills

The Standard Classification Codes are: Pulp & Paper Industry
Major Group 26: Sulfate (Kraft) Pulping
o MEE System 3-07-001-03

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

AC 03-149716
AC 03-149717
AC 03-149718

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C. H. Fancy's letter to J. F. Stewart, dated December 4, 1987.
3. L. D. Riley's letter to C. H. Fancy, dated December 4, 1987, received December 7, 1987.
4. C. H. Fancy's letter to J. P. Stewart, dated January 22, 1988..
5. Revised permit application for the multiple effect evaporators (3 sets), received May 5, 1988.
6. C. H. Fancy's letter to J. F. Stewart, dated June 3, 1988.
7. L. D. Riley's letter to C. H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L. D. Riley's letter to C. H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L. D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.
11. L. D. Riley's letter to Mike Harley, dated September 19, 1988, received September 20, 1988.
12. Final Determination, dated October 14, 1988.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718

Expiration Date: Sept. 24, 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. The No. 1A, No. 2, and No. 3 MEE systems may each operate continuously, i.e., 8760 hours/year.
2. For testing, NSPS, and PSD purposes, the maximum process input rate to each MEE system will be 208,000 lbs dry black liquor solids (BLS)/hr to the No. 1A MEE system, 51,900 lbs dry BLS/hr to the No. 2 MEE system, and 99,500 lbs dry BLS/hr to the No. 3 MEE system. Tests for compliance will be performed with the control device (lime kiln) and all three MEE systems operating at 90-100% of their maximum process input rates.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

3. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the total reduced sulfur (TRS) emission limiting standard pursuant to F.A.C. Rule 17-2.600(4)(c)1.a., which requires combustion of the TRS gases in the lime kiln, from which the exhaust gases shall not contain TRS in excess of 20 ppmvd at standard conditions corrected to 10% O₂ as a 12-hour average, in accordance with F.A.C. Rule 17-2.600(4)(c)5.

4. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of F.A.C. Rule 17-2.600(4)(c)1.c., which includes the requirement of establishing a contingency plan.

5. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive gaseous emissions.

6. In the event that a compliance test has to be performed on any MEE system for TRS emissions, EPA Method 16 or 16A pursuant to F.A.C. Rule 17-2.700 shall be used.

7. Pursuant to F.A.C. Rule 17-2.960 (1)[Compliance Schedules] the No. 1A, No. 2, and No. 3 MEE systems shall each be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office by June 27, 1989.

8. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of F.A.C. Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; and, 17-4.130: Plant Operation-Problems.

9. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of F.A.C. Rules 17-2.710(4): Quarterly Reporting Requirements; and, 17-4.140: Reports.

10. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to F.A.C. Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

11. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit an application for an operation permit, including the application fee, the compliance test results, the Certificate of Completion, and the contingency plan, to the 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 in accordance with F.A.C. Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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 (F.A.C. Rule 17-4).


12. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to F.A.C. Rule 17-2.100(118), Modification, shall be submitted for approval to DER's Bureau of Air Quality Management.

13. The lime kiln's construction/operation permit(s) and any succeeding permit shall have a specific condition that the lime kiln is the TRS control device for the No. 1A, No. 2, and No.3 MEE systems.

14. The lime kiln shall be tested for TRS, and, one-time only, for SO₂ emissions. The results will be used to rule out or require further emissions review pursuant to F.A.C. Rule 17-2.500, PSD.

Issued this 19 day of Oct,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dale Twachtman, Secretary



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

Interoffice Memorandum

TO: Dale Twachtmann
FROM: Steve Smallwood *Steve*
SUBJ: Approval of TRS Construction Permits for
Stone Container Corporation
State Construction Permits Numbers: AC 03-142979
AC 03-149716
AC 03-149717
AC 03-149718
AC 03-149719

DATE: October 14, 1988

Attached for your approval and signature are permits prepared by Central Air Permitting for the above mentioned company to construct a new blow heat accumulator that will replace two existing ones and to construct a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The project is located in Panama City, Bay County, Florida. Comments were received during the public notice period.

Day 90, after which these permits will be issued by default, is November 25, 1988.

I recommend your approval and signature.

SS/mh

attachments

Check Sheet

Company Name: Stone Container Corporation
Permit Number: AC 03-14975, -149716, -717, -718, -142979
PSD Number: _____
Permit Engineer: _____

Application:

- | | |
|--|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References: |
| <input checked="" type="checkbox"/> Incompleteness Letters | <input type="checkbox"/> |
| <input checked="" 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



Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

April 4, 1989

Mr. Clair Fancy, Deputy Chief
Bureau of Air Quality Management
Florida Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
APR 6 1989
DER-BAQM

Dear Mr. Fancy:

This letter is to certify that construction of the noncondensable gas collecting and incinerating system at the Panama City Mill was completed on February 6, 1989. The noncondensable gasses have been incinerated on a continuous basis since February 8, 1989.

If you have questions, please contact David Riley at (904) 785-4311 Ext: 257.

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

/cf

cc: Jack Prescott
C. F. Bogatie
Robert Kriegel - FDER Pensacola
Ed Middleswart - FDER Pensacola



AC03-149719

Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

DECEMBER 4, 1995

David Buff, P.E.
KBN Engineering and Applied Sciences, Inc.
Suite 500
6241 Northwest 23rd Street
Gainesville, Florida 32653-1500

RECEIVED

DEC 5 1995

BUREAU OF
AIR REGULATION

Dear Mr. Buff:

This is in response to your letter dated September 20, 1995 requesting changes to several permits issued to Stone Container. Your letter responded to issues raised by our letter dated July 11, 1995, and our subsequent teleconference.

This letter approves the requested changes as detailed below.

Woodyard Facility; AC03-148859, and AO03-190807:

You requested substitution of a visible emissions limit of 20% in lieu of projected potential PM emissions identified in specific condition 6 of permit AC03-148859, explaining that fugitive PM emissions could not be measured and compliance verified. We agree. As such, the following amendments are approved:

AC03-148859:

Specific condition 6 is deleted

AO03-190807:

Specific condition 16 is changed to include:

f) Visible emissions resulting from activities at the woodyard shall not be equal to or greater than 20%.

Lime Kiln, AC03-149719, AO03-174793:

You requested that the maximum process input rate be identified as 85,000 lbs/hr lime mud (dry) which is measured rather than the production rate of 36,700 lbs/ CaO/hr which is calculated based on the input rate. Additionally, you requested that the sulfur content limit of natural gas be deleted explaining that pipeline natural gas has negligible sulfur content. You also requested that

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Printed on recycled paper.

requirements concerning QA procedures and excess emissions reporting simply reference the appropriate regulations or rules. Lastly you request deletion of a specific condition concerning runoff since it is not germane to an air permit. We agree. As such, the following amendments are approved.

AC03-149719:

Specific condition 2 is changed to read:

The maximum process input rate shall not exceed 85,000 lbs/hr lime mud (dry) based on a maximum lime production of 36,700 lbs CaO/hr dry.

Specific condition 3 is changed by deleting the sentence:

The sulfur content of the natural gas shall not exceed 0.1 percent by weight.

AO03-174793:

Specific condition 15 is changed to read:

The maximum allowable operating rate is 85,000 lbs/hr lime mud (dry) input.

Specific condition 16 is changed by deleting the references to the sulfur content of the natural gas.

Specific condition 17 is changed so that the first sentence reads as follows:

Particulate emissions shall not exceed 29.83 pounds per hour at the maximum allowable operating rate of 85,000 lbs/hr lime mud (dry) input.

The first paragraph of specific condition 23 is revised to read:

A continuous TRS monitor for TRS shall be calibrated, maintained, and operated on the lime kiln in accordance with FAC Rule 62-296.404(5) and 40 CFR 60, Appendix F.

Paragraph A of specific condition 23 is revised to delete the sentence:

A reassessment of the QA Program plan shall be made and submitted to the Northwest District of the DEP within 60 days of the performance specification test.

Specific condition 24 is changed to read as follows:

- 1) The magnitude of excess emissions computed, and the date and time of commencement and completion of each period of excess emissions, in accordance with 62-296.404(6)(a)1.
- 2) The rule reference is changed to 62-296.404(6)(a)2
- 3) The rule reference is changed to 62-296.404(6)(a)3
- 4) The rule reference is changed to 62-296.404(6)(a)4
- 5) The rule reference is changed to 62-296.404(6)(b)

Specific condition 27 is deleted.

No. 1 and 2 Smelt Dissolving Tanks, AO03-222668, AO03-240550:

You requested changes in these permits for consistency between the permits, to cite the correct references, and to improve clarity. Additionally, you request deletion of a specific condition concerning runoff since it is not germane to an air permit. We agree with your suggestions. As such the following amendments are approved.

AO03-222668:

The description is changed to read:

Operation of the No. 1 Smelt Dissolving Tank at a maximum operating rate equal to the maximum allowed operating rate of the No. 1 Recovery Boiler which is 123,700 pounds Black Liquor Solids per hour. Smelt from the recovery boiler is dissolved in weak wash. Particulate emissions are controlled by demister pads made by Otto H. York Company; total reduced sulfur (TRS) emissions are controlled by weak wash sprays. The flow rate of weak wash sprays is monitored as a surrogate compliance parameter.

Specific condition 2 is changed to read as follows:

The maximum allowable operating rate is 123,700 lbs/hr Black Liquor Solids fed to Recovery Boiler No. 1. This is the operating rate at which compliance with standards shall be demonstrated. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90 to 100% of rated capacity. If it is impracticable to test at capacity, then sources may be tested at less than capacity; if the source is tested at less than capacity subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacity is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit with prior notification to the Department.

Specific condition 4 is changed as follows:

FAC Rule reference 17-296.710(2) is changed to 62-296.310(1)
FAC Rule reference 17-296.404(d)(1) is changed to 62-296.404(3)(d)(1)
The two columns labeled "Estimated Emissions" are deleted

Specific condition 10 is deleted.

AO03-240550

The second sentence of the description is changed to read as follows:

Smelt from the recovery boiler is dissolved in weak wash to produce green liquor.

Specific condition 6 is changed by adding:

Weak wash spray flow rate shall be recorded at least once per shift.

No. 1 and 2 Recovery Boilers, AO03-222669, AO03-240555:

You requested changes in these permits for consistency between the permits, and to cite the correct references. You also requested that requirements concerning QA procedures and excess emissions reporting simply reference the appropriate regulations or rules. We agree. As such, the following amendments are approved.

AO03-222669:

Specific condition 4 is changed as follows:

The two columns labeled "Estimated Emissions" are deleted.

Under allowable emissions, TRS delete all and replace with footnote 2 to read as follows:

2. 17.5 ppm by volume, dry basis at standard conditions, at 8% O₂, 12 hour average.

Specific condition 7 is changed as follows:

The first sentence is revised to read:

A continuous TRS monitor for TRS shall be calibrated, maintained and operated on the recovery boiler in accordance with FAC Rule 62-296.404(5) and 40 CFR 60, Appendix F

The second sentence is deleted.

- A. Delete the sentence: A reassessment of the QA Program plan shall be made and submitted to the Northwest District of the DEP within 60 days of the performance specification test.

Specific condition 8 is changed to read as follows:

- A) The magnitude of excess emissions computed, and the date and time of commencement and completion of each period of excess emissions, in accordance with 62-296.404(6)(a)1.
- B) The rule reference is changed to 62-296.404(6)(a)2
- C) The rule reference is changed to 62-296.404(6)(a)3
- D) The rule reference is changed to 62-296.404(6)(a)4
- E) The rule reference is changed to 62-296.404(6)(b)

AO03-240555

The general description is changed to read as follows:

Operation of Recovery Boiler No. 2, fueled by 123,700 pounds of black liquor solids (BLS) per hour. No. 6 fuel oil and/or natural gas is used as auxiliary fuel. The maximum sulfur content of the fuel oil is 2.5%. Particulates (PM) are controlled by an electrostatic precipitator manufactured by Koppers, two sections of four fields each. Total reduced sulfur (TRS) emissions are controlled by oxidation of the black liquor prior to entering the boiler fire box.

Specific condition 6 is changed as follows:

The first sentence is revised to read as follows:

The continuous monitor (CEM) for TRS shall be calibrated, maintained and operated in accordance with FAC Rule 62-296.404(5) and 40 CFR 60, Appendix F.

The following sentence is deleted from paragraph A:

A reassessment of the AQ Program plan shall be made and submitted to the Northwest District of the DEP within 60 days of the performance specification test.

The language "and surrogate parameter" is deleted from specific condition 9.

No. 3 & 4 Bark Boilers; AO03-252353, AC03-190964, AO03-223447

You requested changes to these permits adding emissions limits identified by rule, providing consistency between permits, and eliminating unnecessary notifications.

AO03-252353

Add to the column "Allowable Emissions" in Specific condition 6 for PM, after natural gas, "and fossil fuels"

AC03-190964

Add to the list of fuels in specific condition 4:

Primary clarified wood waste; 10 TPD; 0 Btu/hr

Delete the following language from specific condition 19:

The Department's Northwest District office shall be notified in writing when the boiler is switched to incinerating TRS gases and/or operating at 100% fossil fuel..

AO03-223447

Change the fourth sentence in the general description to read as follows:

Sulfur dioxide emissions when incinerating TRS gases or when burning 100 percent fuel oil are controlled by maintaining a minimum pH of 8.0 in the wet scrubber.

If you have any questions or comments, please contact Bob Kriegel of this office at (904) 444-8364.

Sincerely,

A handwritten signature in black ink that reads "Ed K. Middleswart". The signature is written in a cursive style with a large, stylized initial "E" and a long horizontal stroke at the end.

Ed K. Middleswart, P.E.
Program Administrator
Air Resources Management

EKM:bkc

cc: David Riley, Stone Container Corporation
A. A. Linero, DEP Division of Air Resources Management, Tallahassee
Jenny Arias, DEP Northwest District Branch Office, Panama City

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

STONE CONTAINER CORPORATION)	
)	
Petitioner,)	
)	
vs.)	OGC NO: 88-0784,
)	88-0785, 88-0786,
)	88-9787, 88-0788
)	
STATE OF FLORIDA DEPARTMENT)	
OF ENVIRONMENTAL REGULATION)	
)	
Respondent.)	
_____)	

ORDER ON REQUEST FOR AN EXTENSION
OF TIME TO FILE PETITION FOR HEARING

This cause had come before me upon receipt of a request made by Petitioner, Stone Container Corporation, Permit Nos. AC 03-142979, 03-149716, 03-149717, 03-149718, and 03-149719, pursuant to Rule 17-103.070, Florida Administrative Code, to grant an extension of time for it to file a petition for administrative proceeding. See Exhibit 1 attached.

Counsel for Petitioner has discussed this request with counsel for Respondent, State of Florida Department of Environmental Regulation (DER) and the DER has no objection to it. Therefore:

IT IS ORDERED:

The request for an extension of time to file a petition for administrative proceeding is hereby granted. Petitioner shall have until September 30, 1988, to file a petition in this matter.

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP	ACTION NO
	ACTION DUE DATE
1. TO: (NAME, OFFICE, LOCATION) <i>Latti Adams (Room 338)</i>	Initial Date
2. <i>Division of Air Resource Management</i>	Initial Date
3.	Initial Date
4.	Initial Date

REMARKS:

RECEIVED

NOV 29 1988

DER - BAQM

Betsy Hewitt's Office

INFORMATION	
<input type="checkbox"/>	Review & Return
<input type="checkbox"/>	Review & File
<input type="checkbox"/>	Initial & Forward
<input type="checkbox"/>	
DISPOSITION	
<input type="checkbox"/>	Review & Respond
<input type="checkbox"/>	Prepare Response
<input type="checkbox"/>	For My Signature
<input type="checkbox"/>	For Your Signature
<input type="checkbox"/>	Let's Discuss
<input type="checkbox"/>	Set Up Meeting
<input type="checkbox"/>	Investigate & Report
<input type="checkbox"/>	Initial & Forward
<input type="checkbox"/>	Distribute
<input type="checkbox"/>	Concurrence
<input type="checkbox"/>	For Processing
<input type="checkbox"/>	Initial & Return
DATE	<i>11/28</i>
PHONE	<i>8-9730</i>

FROM: *Betsy Hewitt's Office*

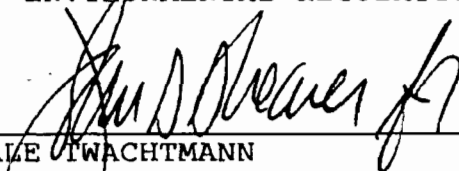
DONE and ORDERED this 7th day of September, 1988, in Tallahassee, Florida.

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

C. Hitchman
Clerk

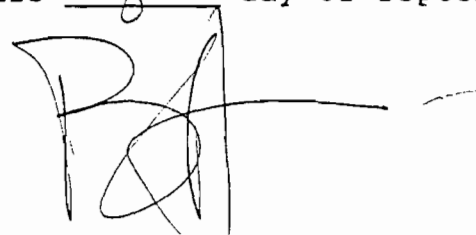
9-8-88
Date

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


DALE TWACHTMANN
Secretary
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 904-488-4805

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing ORDER ON REQUEST FOR EXTENSION OF TIME TO FILE PETITION FOR HEARING has been furnished by U.S. Mail to Terry Cole, P.O. Box 6507, Tallahassee, Florida 32314-6507 this 8th day of September, 1988.


BETSY F. HEWITT
Assistant General Counsel
State of Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 904-488-9730

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

STONE CONTAINER CORPORATION,

AUG 20 1988

Petitioner,

vs.

DEPARTMENT OF ENVIRONMENTAL
REGULATION,

Respondent.

Case Number:

DER Permit Nos.:

Digester System

MEE Number 1A

MEE Number 2

MEE Number 3

Lime Kiln

Dept. of Environmental Reg.
Office of General Counsel

AC 03-142979

AC 03-149716

AC 03-149717

AC 03-149718

AC 03-149719

MOTION FOR EXTENSION OF TIME
FOR FILING PETITION FOR HEARING

Pursuant to Rule 17-103.070, F.A.C., Petitioner, STONE CONTAINER CORPORATION, moves for an extension of time of 30 days within which to file a petition for Section 120.57 F.S. administrative proceedings to contest the above referenced permits proposed for issuance by Respondent, DEPARTMENT OF ENVIRONMENTAL REGULATION.

Sept 30


As good cause, Petitioner, asserts that additional time should allow the parties to resolve their differences and obviate the need for administrative proceedings.

The undersigned further certifies that Ms. Carol Forthman, Counsel for Respondent, has been consulted and has no objection to the granting of this extension.

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand-delivery to the AGENCY CLERK MARK ZILBERBERG and BETSY PITTMAN, Attorneys at Law, Department

of Environmental Regulation, 2600 Blair Stone Road, Tallahassee,
Florida 32399-2400, on this 30th day of August, 1988.

OERTEL & HOFFMAN, P.A.
Post Office Box 6507
Tallahassee, Fl 32314-6507
(904) 877-0099


TERRY COLE
R. L. CALEEN, JR.

Attorneys for Petitioner,
Stone Container Corporation

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

STONE CONTAINER CORPORATION,

Petitioner,

vs.

DEPARTMENT OF ENVIRONMENTAL
REGULATION,

Respondent.

Case Number:

DER Permit Nos.:

Digester System AC 03-142979

MEE Number 1A AC 03-149716

MEE Number 2 AC 03-149717

MEE Number 3 AC 03-149718

Lime Kiln AC 03-149719

MOTION FOR EXTENSION OF TIME
FOR FILING PETITION FOR HEARING

Pursuant to Rule 17-103.070, F.A.C., Petitioner, STONE CONTAINER CORPORATION, moves for an extension of time of 30 days within which to file a petition for Section 120.57 F.S. administrative proceedings to contest the above referenced permits proposed for issuance by Respondent, DEPARTMENT OF ENVIRONMENTAL REGULATION.

As good cause, Petitioner, asserts that additional time should allow the parties to resolve their differences and obviate the need for administrative proceedings.

The undersigned further certifies that Ms. Carol Forthman, Counsel for Respondent, has been consulted and has no objection to the granting of this extension.

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand-delivery to the AGENCY CLERK MARK ZILBERBERG and BETSY PITTMAN, Attorneys at Law, Department

of Environmental Regulation, 2600 Blair Stone Road, Tallahassee,
Florida 32399-2400, on this 30th day of August, 1988.

OERTEL & HOFFMAN, P.A.
Post Office Box 6507
Tallahassee, Fl 32314-6507
(904) 877-0099



TERRY COLE
R. L. CALEEN, JR.

Attorneys for Petitioner,
Stone Container Corporation

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

STONE CONTAINER CORPORATION,)	
)	
Petitioner,)	OGC FILE NO: 88-0784
)	88-0785, 88-0786,
vs.)	88-9787, 88-0788
)	
STATE OF FLORIDA DEPARTMENT)	
OF ENVIRONMENTAL REGULATION)	
)	
Respondent.)	
_____)	

ORDER ON REQUEST FOR AN EXTENSION
OF TIME TO FILE PETITION FOR HEARING

This cause has come before me upon receipt of a request made by Petitioner, Stone Container Corporation, Permit Nos. AC 03-142979, AC 03-149716, AC 03-149717, AC 03-149718, AC 03-149719 pursuant to Rule 17-103.070, Florida Administrative Code, to grant an extension of time for it to file a petition for formal proceedings. See Exhibit 1 attached.

Counsel for Petitioner has discussed this request with counsel for Respondent, State of Florida Department of Environmental Regulation (DER), and the DER has no objection to it. Therefore:

IT IS ORDERED:

The request for an extension of time to file a petition for formal proceedings is hereby granted. Petitioner shall have until December 30, 1988, to file a petition in this matter.

DONE and ORDERED this 9 day of December, 1988, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to S120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

DALE TWACHTMANN
DALE TWACHTMANN
Secretary

C Hitchner Clerk 12-9-88 Date

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: (904) 488-4805

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing ORDER ON REQUEST FOR EXTENSION OF TIME TO FILE PETITION FOR FORMAL PROCEEDINGS has been furnished by U.S. Mail to Terry Cole, OERTEL & HOFFMAN, Post Office Box 6507, Tallahassee, Florida, 32314-6507 this 9 day of November, 1988.

Betsy F. Hewitt

BETSY F. HEWITT
Assistant General Counsel
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: (904) 488-9730



Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

October 31, 1988

RECEIVED

NOV 1 1988

DER-BAQM

Mr. C. H. Fancy, P.E.
Deputy Chief, Bureau of Air Quality Management
Florida Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

This letter is being sent to inform you of the status of the NCG collection and incineration systems at the Panama City Mill of Stone Container Corporation.

1. Construction contracts have been awarded.
2. Materials have been ordered and are on site.
3. Construction has begun. Construction requiring significant mill down time will be completed during our semi-annual outage beginning November 1, 1988.

Barring circumstance beyond our control such as a mill disaster, weather, economic conditions, labor disputes, etc., the systems will be in compliance with applicable emission limits by May 12, 1988 as required by rule FAC 17-2.960(1).

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDR,Jr:cf

cc: Jack Prescott
C. F. Bogatie
Curtis Barton - Atlanta

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. L. D. Riley, Jr. Environmental Superintendent Stone Container Corporation P. O. Box 2560 Panama City, Florida 32402	4. Article Number P 274 007 493 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 Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Porter Barber</i>	
7. Date of Delivery 10-31-88	

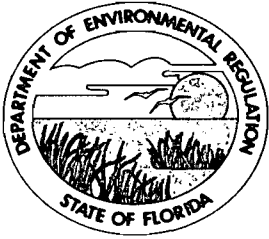
PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-288 DOMESTIC RETURN RECEIPT

P 274 007 493

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

* U.S.G.P.O. 1985-480-794 PS Form 3800, June 1985	Sent to Mr. L. D. Riley, Stone Con-
	Street and No. tainer Corp. P.O. Box 2560
	P.O., State and ZIP Code Panama City, FL 32402
	Postage S
	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 S
	Postmark or Date Mailed: 10-28-88 Permit: AC 03-142979



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 28, 1988

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. L. D. Riley, Jr.
Environmental Superintendent
Stone Container Corporation
P. O. Box 2560
Panama City, Florida 32402

Dear Mr. Riley:

Enclosed are the blueprints that you furnished with the applications for construction permits AC 03-142979 [Digester System], AC 03-149716 [No. 1A Multiple Effect Evaporator System], AC 03-149717 [No. 2 Multiple Effect Evaporator System], AC 03-149718 [No. 3 Multiple Effect Evaporator System], and AC 03-149719 [Lime Kiln]. We are returning these blueprints because they are the property of A. H. Lundberg Associates, Inc. and the Bureau has completed its review of these applications. Thank you for furnishing this information in order to assist us with the review of your applications. We ask that either you or A. H. Lundberg Associates, Inc. keep copies of both the Preliminary and Final Plans permanently on file.

Please call Bill Thomas at (904) 488-1344 or write to me at the address above if you have any questions.

Sincerely,

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

mdh

cc: C. Fontaine, P. E.
E. Middleswart



PM
9-19-88
Panama City, FL
Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

file copy

(904) 785-4311

RECEIVED

September 19, 1988

SEP 20 1988

DER - BAQM

Mr. Mike Harley
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Harley:

Confirming our telephone conversations, we reached agreement on the following requested changes in the NCG collection and incineration construction permits for the digesters and lime kiln at our Panama City facility.

1. For NSPS purposes, the maximum hourly digester pulp production rate will be 120 tons per hour.
2. The opacity language in the draft construction permit for the lime kiln will be changed to reflect the language in the current operating permit.

Thank you for your cooperation in this matter.

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDR,Jr.:cf

cc: C. F. Bogatie
Jack Prescott
Curtis Barton - Atlanta

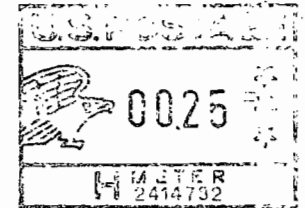
*copied: Ed Middleworth, NW Dist
CHF/BT*



Stone Container Corporation

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402



Mr. Mike Harley
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

STONE CONTAINER CORPORATION)
)
 Petitioner,)
)
)
 vs.) OGC NO: 88-0784,
) 88-0785,88-0786,
) 88-9787,88-0788
)
)
 STATE OF FLORIDA DEPARTMENT)
 OF ENVIRONMENTAL REGULATION)
)
 Respondent.)
 _____)

ORDER ON REQUEST FOR AN EXTENSION
OF TIME TO FILE PETITION FOR HEARING

This cause had come before me upon receipt of a request made by Petitioner, Stone Container Corporation, Permit Nos. AC 03-142979, 03-149716, 03-149717, 03-149718, and 03-149719, pursuant to Rule 17-103.070, Florida Administrative Code, to grant an extension of time for it to file a petition for administrative proceeding. See Exhibit 1 attached.

Counsel for Petitioner has discussed this request with counsel for Respondent, State of Florida Department of Environmental Regulation (DER) and the DER has no objection to it. Therefore:

IT IS ORDERED:

The request for an extension of time to file a petition for administrative proceeding is hereby granted. Petitioner shall have until September 30, 1988, to file a petition in this matter.

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Kathi Adams

Initial

Date

2.

RECEIVED

Initial

Date

3.

SEP 26 1988

Initial

Date

4.

DER - BAQM

Initial

Date

REMARKS:

FYI

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

Betsy Patman

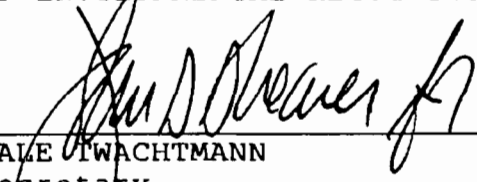
DATE

PHONE

DONE and ORDERED this 7th day of September, 1988, in Tallahassee, Florida.

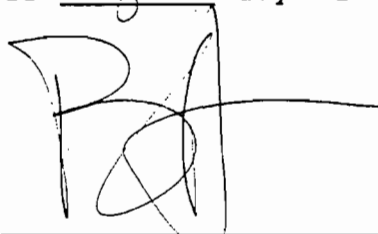
FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.
C. Hitchman Clerk 9-8-88 Date

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION


DALE TWACHTMANN
Secretary
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 904-488-4805

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing ORDER ON REQUEST FOR EXTENSION OF TIME TO FILE PETITION FOR HEARING has been furnished by U.S. Mail to Terry Cole, P.O. Box 6507, Tallahassee, Florida 32314-6507 this 8th day of September, 1988.


BETSY F. HEWITT
Assistant General Counsel
State of Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 904-488-9730

To: Judy Rogers
From: Kathy Carter
Subject: revised petition info.

TT 338
Date: 09/07/88

TO: Patty Adams
FROM: Kathy Carter, OGC

Sorry! I forgot to let you know the attorney that was assigned to the St. Joe Forest Products, Company case is Mark Zilberberg.

Thanks!

Mike, 9-7
Day 90 is ~~now~~ Nov. 25
because the clock won't start
again until Oct. 1 - they have
an extension of time to file in
effect till 9-30.
Patty

To: Judy Rogers
From: Kathy Carter
Subject: petition information

TT 338
Date: 09/07/88

TO: Patty Adams
FROM: Kathy Carter, OGC

Rec'd request for extension of time on 9/6/88 re: St.
Joe Forest Products Company, #AC23-139086.

Thanks!



*Ind. Exp. # 892162 9496
9-6-88 Panama City, FL*

file copy

Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

September 6, 1988

RECEIVED

SEP 7 1988

DER - BAQM

Mr. Clair Fancy
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

Enclosed is proof of publication of your intent to issue construction permits for the noncondensable gas collection and incineration system at the Panama City Mill of Stone Container Corporation.

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDR,Jr:cf

Enclosure

cc: C. F. Bogatie
Jack Prescott

*copied: Mike Harley
Tom Rogers
Ed Middlewart, NW Dist
Richard Sublette, NW Dist Branch*

FEDERAL EXPRESS

AIRBILL

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIRWAYBILL FOR SHIPMENTS TO PUERTO RICO.
QUESTIONS? CALL 800-238-5355 TOLL FREE.

PACKAGE TRACKING NUMBER

8921629496

1948 J 8921629496
Date 9-06-88
RECIPIENT'S COPY

From (Your Name) Please Print
L. D. Riley, Jr.

Your Phone Number (Very Important)
(904) 785-4311

To (Recipient's Name) Please Print
Clair Fancy

Recipient's Phone Number (Very Important)

Company
STONE CONTAINER CORPORATION

Department/Floor No.

Company
FL Dept. of Environmental Regulation

Department/Floor No.

Street Address
1 EVERITT AVE

Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.)
2600 Blair Stone Road

City
PANAMA CITY

State
FL

ZIP Required
32401

City
Tallahassee

State
FL

ZIP Required
32399

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address

PAYMENT Bill Sender Bill Recipient's FedEx Acct. No. Bill 3rd Party FedEx Acct. No. Bill Credit Card
 Cash

City
State
ZIP Required

SERVICES
1 **PRIORITY 1** (Overnight Delivery)
2 **COURIER-PAN OVERNIGHT ENVELOPE**
3 **OVERNIGHT BOX**
4 **OVERNIGHT TUBE**
5 **STANDARD AIR** Delivery not later than second business day
6 **OVERNIGHT LETTER***
7
8
9
10

DELIVERY AND SPECIAL HANDLING
1 **HOLD FOR PICK-UP** (Fill in Box 1)
2 **DELIVER WEEKDAY**
3 **DELIVER SATURDAY** (Extra charge)
4 **DANGEROUS GOODS** (Extra charge)
5 **CONSTANT SURVEILLANCE SERVICE (CSS)** (Extra charge) (Release Signature Not Applicable)
6 **DRY ICE** Use
7 **OTHER SPECIAL SERVICE**
8
9 **SATURDAY PICK-UP** (Extra charge)
10
11
12 **HOLIDAY DELIVERY** (if offered) (Extra charge)

PACKAGES
WEIGHT
YOUR DECLARED VALUE
OVER SIZE
LBS
LBS
LBS
Total Total Total
Received At:
1 Regular Stop
2 On-Call Stop
3 Drop Box 4 B.S.C. 5 Station
FEDEX Corp. Employee No.
Date/Time for FEDEX Use
9/6/88

Emp. No. Date
 Cash Received
 Return Shipment
 Third Party Chg. To Del. Chg. To Hold
Street Address
City State Zip
Received By: X
Date/Time Received FedEx Employee Number
Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.
Release Signature:

Federal Express Use
Base Charges
Declared Value Charge
Other 1
Other 2
Total Charges
PART #111800
REVISION DATE-1/88
PRINTED IN U.S.A. SRCEF
009
© 1988 F.E.C.

State of Florida
Department of
Environmental Regulation
NOTICE OF INTENT

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to Stone Container Corporation for a new blow heat accumulator, that will replace two existing ones and to construct a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The project will be located in Panama City, Bay 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

Department of Environmental
Regulation
Northwest District Branch
Office
340 W. 23rd Street, Suite E
Panama City, Florida 32405

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.
Aug. 26 & Sept. 2, 1988

Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS - HERALD

Panama City, Bay County, Florida

Published Daily

State of Florida
County of Bay

Before the undersigned authority appeared _____

KAYE NICHOLS, who on oath says that (s)he

is ADVERTISING DIRECTOR of the News-Herald, a daily

newspaper published at Panama City, in Bay County, Florida; that the attached copy of advertisement, being a NOTICE OF INTENT

in the matter of SEP OF ENVIRONMENTAL REG PERMIT TO STONE CONTAINER

in the BAY COUNTY COURTS

Court, was published in said newspaper in the issues of AUG 26 & SEPT 2

Affiant further says that the News-Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication, together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)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.

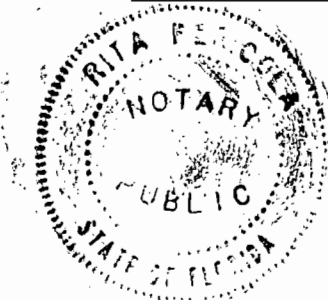
Kaye Nichols
_____ 2nd day of

Sworn to and subscribed before me this SEPT _____, A.D., 19 88

Rita Peruda

Notary Public, State of Florida at Large

My Commission Expires _____ Notary Public, State of Florida
My Commission Expires Aug. 1, 1989
Bonded Thru Troy Fain - Insurance, Inc.



To: Judy Rogers
From: Kathy Carter
Subject: Petition Information

TT 338
Date: 09/01/88

Attn: Patty Adams

We have received Motion for Extension of Time for Filing Petition For Hearing on five air permits. The #'s are AC03-142979, AC03-149716, AC03-149717, AC03-149718, AC03-149719, the Applicant name is Stone Container Corporation. Betsy Pittman will be the attorney on these cases.

Thanks!
Kathy, OGC

*30 days —
till 9/30*

*cc: Mike Harley
CHF/BT*



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

August 25, 1988


Ms. Jackie Kolk, President
Bay County Audubon Society
Post Office Box 1182
Panama City, Florida 32402

Dear Ms. Kolk:

This is in response to your July 21 letter about the Department's and Stone Container's efforts to bring the facility into compliance with the total reduced sulfur rule.

The Bureau of Air Quality Management transmitted the technical evaluation and preliminary determination, along with the draft air pollution permits, to Stone Container on August 15, 1988. These will be on public notice for fourteen days from the date that the company publishes a notice of the Department's intent to issue the permits in a newspaper of general circulation in the area. Copies of these permits will be available for public inspection at the Department's branch office located at 340 West 23rd Street, Suite E, Panama City. If you are interested in examining the draft permit or making comments within the fourteen days, I would encourage you to do so.

Sincerely,


Dale Twachtmann
Secretary

DT:jr

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP		ACTION NO	
		ACTION DUE DATE	
1. TO: (NAME, OFFICE, LOCATION)		Initial	Date
Chairman Fancy - 306F			
2.		Initial	Date
Bill T			
3.		Initial	Date
mike 309K			
4.		Initial	Date
REMARKS:	INFORMATION		
	<input type="checkbox"/>	Review & Return	
	<input type="checkbox"/>	Review & File	
	<input type="checkbox"/>	Initial & Forward	
	<input type="checkbox"/>		
	DISPOSITION		
	<input type="checkbox"/>	Review & Respond	
	<input type="checkbox"/>	Prepare Response	
	<input type="checkbox"/>	For My Signature	
	<input type="checkbox"/>	For Your Signature	
	<input type="checkbox"/>	Let's Discuss	
	<input type="checkbox"/>	Set Up Meeting	
	<input type="checkbox"/>	Investigate & Report	
	<input type="checkbox"/>	Initial & Forward	
	<input type="checkbox"/>	Distribute	
	<input type="checkbox"/>	Concurrence	
	<input type="checkbox"/>	For Processing	
	<input type="checkbox"/>	Initial & Return	
FROM:	<i>Shirley Berry</i>	DATE	<i>8-25-88</i>
	<i>O/sec.</i>	PHONE	

RECEIVED
AUG 25 1988
DER - BAQM

DOCUMENT SUMMARY

OK *[Signature]*
8-17-88

Library: PH DRAFTS
Title: Jackie Kolk 08-004
Document ID: 2086
Author: Clair Fancy
Operator: Judy Rogers

[Signature]
8/19

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 08/17/88 4:05)

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
Created	08/17/88	11:59	:17	1790
Revised	08/17/88	15:57	:22	117
Last Retrieved	/ /	:	from:	
Last Archived	/ /	:	to: PLAQMJAR	
Total Pages:	1	Total Worktime:	:42	
		Total Keystrokes:	1918	

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP	ACTION NO <i>08-004</i>
	ACTION DUE DATE <i>8/2/88</i>

1. TO: (NAME, OFFICE, LOCATION) <i>Steve Smallwood</i>	Initial
	Date <i>8/1</i>
2. <i>Bill Thom</i> <i>Clair</i>	Initial
	Date
3. <i>Jim Lewis</i> RECEIVED	Initial
	Date
4. <i>Judy Rozus</i> RECEIVED	Initial
	Date

REMARKS:
Draft response for DT's signature

RECEIVED

INFORMATION

Review & Return

Review & File

Initial & Forward

AUG 19 1988

DER-BAQM

RECEIVED

AUG 17 1988

Office of the Secretary

OK for final in PE DRAFTS

DISPOSITION

Review & Respond

Prepare Response

For My Signature *DT*

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:
J. Lewis

DATE

PHONE

Office of the Secretary

August 17, 1988

OK
8-17-88

Ms. Jackie Kolk, President
Bay County Audubon Society
Post Office Box 1182
Panama City, Florida 32402

Dear Ms. Kolk:

RE: Bay County/Stone Container Corporation

Thank you for your letter dated July 21, 1988, regarding both the Department's and Stone Container's efforts to bring the facility into compliance with the total reduced sulfur rule. The Bureau of Air Quality Management transmitted the technical evaluation and preliminary determination, along with the draft air pollution permits, to Stone Container on August 15, 1988. These will be on public notice for fourteen days from the date that the company publishes a notice of the Department's intent to issue the permits in a newspaper of general circulation in the area. Copies of these permits will be available for public inspection at the Department's branch office located at 340 West 23rd Street, Suite E, Panama City. If you are interested in examining the draft permit or making comments within the fourteen days, I would encourage you to do so.

Sincerely,

Dale Twachtmann
Secretary

DT:jr

Steve Smallwood
brief resp DT

"FROM BIRDWATCHING

TO THE TOTAL ENVIRONMENT"

July 21, 1988

Hon. Dale Twachtman, Secretary
Department Of Environmental
Regulation
2600 Blair Stone Road
Twin Towers Office Building
Tallahassee, FL 32301



RECEIVED
AUG 1 1988

Office of the Secretary

Re: Bay County/Stone Container Corporation

Dear Mr. Twachtman:

It is our understanding, from your staff, that Stone Container Corporation is presently submitting plans to your office, regarding compliance with the Total Reduced Sulfur Rule, and the approaching deadline of 5/11/89.

It is our further understanding that those plans are being evaluated by your staff, so that Stone Container may have the Panama City mill air emissions in full compliance with the Rule (which is being jointly enforced by E.P.A. and by D.E.R.) by 5/11/89.

We commend your Department for moving forward with the implementation of this Rule, and we commend Stone Container for the apparent full cooperation offered by it with regard to the approaching deadline.

We, as an organization whose members breathe the air here every day, are truly pleased at the anticipated improvement of air quality, and we urge you to ensure that there will be no variance to the established deadline of 5/11/89, and no weakening of the standards required by the Total Reduced Sulfur Rule. Thank you.

Very truly yours,

BAY COUNTY AUDUBON SOCIETY

BY: Jackie Kolk
Jackie Kolk, President

RECEIVED

AUG 3 1988

cc: Stone Container Corporation
Attn: Jack Prescott, Mill Manager
1 Everitt Avenue
Panama City, FL 32401

DER-BAQM

Mr. and Mrs. John Robert Middlemas
All Board Members

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
↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to: Mr. L. D. Riley, Jr. Environmental Superintendent Stone Container Corporation P.O. Box 2560 Panama City, FL 32402	4. Article Number <p style="text-align: center;">P 702 177 480</p> 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
5. Signature - Addressee <input checked="" type="checkbox"/>	Always obtain signature of addressee or agent and DATE DELIVERED.
6. Signature - Agent <input checked="" type="checkbox"/>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 8-16-88	

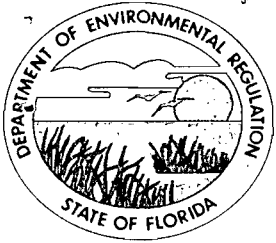
PS Form 3811, Mar. 1987 ★ U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT

P 702 177 480
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

PS Form 3800, June 1985

Sent to Mr. L. D. Riley, Jr., Stone	
Street and No. P.O. Box 2560 Container Corp.	
P.O., State and ZIP Code Panama City, FL 32402	
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: 8-15-88 Permit: AC 03-14916, -17, -18 -19, & 142979	



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

August 15, 1988

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. L. D. Riley, Jr.
Environmental Superintendent
Stone Container Corporation
P. O. Box 2560
Panama City, Florida 32402

Dear Mr. Riley:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permits for Stone Container Corporation to construct a new blow heat accumulator to replace two existing ones and a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The projects are located in Panama City, Bay County, Florida.

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/mh

Attachments

cc: E. Middleswart, Northwest District
R. Sublette, Northwest District Branch Office
C. Fontaine, P.E.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permits by:

Stone Container Corporation
P. O. Box 2560
Panama City, Florida 32402

DER File Nos. AC 03-142979
03-149716
03-149717
03-149718
03-149719

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits (copies 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, Stone Container Corporation, applied on December 7, 1987, to the Department of Environmental Regulation for permits to construct a new blow heat accumulator that will replace two existing ones and to construct a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The project will be located in Panama City, Bay 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 air construction permits were 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 permit 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:

E. Middlewart, Northwest District
C. Fontaine, P.E.

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.

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 August 15, 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 Wise August 15, 1988
Clerk Date

State of Florida
Department of Environmental Regulation
Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to Stone Container Corporation for a new blow heat accumulator that will replace two existing ones and to construct a noncondensable gas handling system to convey TRS emissions from the digester system and the multiple effect evaporator systems to the lime kiln for incineration. The project will be located in Panama City, Bay 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

Department of Environmental Regulation
Northwest District Branch Office
340 W. 23rd Street, Suite E
Panama City, Florida 32405

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

Stone Container Corporation
Bay County

Digester System
Permit No. AC 03-142979

No. 1A Multiple Effect Evaporator System
Permit No. AC 03-149716

No. 2 Multiple Effect Evaporator System
Permit No. AC 03-149717

No. 3 Multiple Effect Evaporator System
Permit No. AC 03-149718

Lime Kiln
Permit No. AC 03-149719

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

August 15, 1988

I. Project Description

A. Applicant

Stone Container Corporation
Post Office Box 2560
Panama City, Florida 32402

B. Project and Location

The applicant is proposing to construct a new digesting (blow heat) accumulator to receive gases from the 22 batch digesters and 5 digester blow tanks presently installed at the mill. This digesting (blow heat) accumulator will replace the two existing digesting (blow heat) accumulators. The proposal also includes changes to the turpentine condenser system which is part of the digester system. The proposed project also includes the construction of a noncondensable gas (NCG) handling system to capture all emissions of TRS and other air pollutants emitted by the digester system, No. 1A multiple effect evaporator (MEE) system, No. 2 MEE system, and No. 3 MEE system; and, convey the air pollutants to the lime kiln for incineration.

The Standard Industrial Classification Codes (SIC) are Major Group 26, Industry 2611, Pulp Mills and Industry 2621, Paper Mills. The Source Classification Codes (SCC) are 3-07-001-01, digester relief and blow tank, for the digester system (including the proposed No. 3 digesting (blow heat) accumulator) and 3-07-001-07, turpentine condenser, also for the digester system; 3-07-001-03, multi-effect evaporator, for the Nos. 1A, 2, and 3 multiple effect evaporator systems; and 3-07-001-06, lime kiln, for the lime kiln and, 3-05-016-04, calcining-rotary lime kiln, also for the lime kiln.

The projects are proposed for the kraft pulp mill owned by Stone Container Corporation, which is at #1 Everett Avenue in Panama City, Bay County, Florida. The universal transverse mercator (UTM) coordinates of these projects are Zone 16, 632.8 km east, and 3335.1 km north.

The applications were received on December 7, 1987, and the Department decided to issue the proposed permits on July 8, 1988.

C. Project Description and Controls

The kraft pulping process utilizes large reactor vessels called digesters. These vessels react wood chips with chemicals under conditions of elevated temperature and pressure to remove lignin. The lignin binds the cellulose fibers in the wood chips together. During the reaction of wood chips, gases containing

steam, TRS, and turpentine are vented to condensers. These condensers remove water, turpentine, and a small fraction of TRS from the gas stream. Upon completion of the reaction, the pressure in the reactors is suddenly relieved, forcing the pulp and cooking chemicals into a blow tank. The gases are vented from the blow tank to a large direct contact condenser.

This condenser is called a digesting or blow heat accumulator. This condenser recovers heat from the hot gases and reduces the volume of these gases. These gases which result from the sudden release of pressure in the reactor contain steam, TRS, and methanol. A portion of these constituents condense in the accumulator.

The economics of the kraft pulping process are heavily dependent upon the recovery and reuse of the reaction chemicals. The spent chemical solution is separated from the pulp and piped to the chemical recovery system. The spent chemical solution contains 14-17 percent solids and consists of water, reaction chemicals, organic material, and dissolved TRS gases. This solution is known as black liquor. The heat content of the organic materials are recovered as steam in a recovery furnace and the reaction chemicals are recovered as a smelt in the base of the recovery furnace. In order to accomplish this the solids content of the black liquor must be elevated to about 65 percent.

The solids content of the black liquor is increased by evaporating the water in efficient vacuum evaporator sets known as multiple effect evaporator (MEE) systems. Concentration of the black liquor to about 50% solids is usually accomplished under conditions of natural circulation. Elevation of the black liquor solids content to about 65% is then accomplished in an additional stage known as a direct contact evaporator (DCE). The gases released during the evaporation process contain TRS.

On March 21, 1985, the Department adopted regulations requiring the pulp and paper industry to control odorous emissions of TRS from digester systems, multiple effect evaporator systems (MEE), and other sources. These regulations were adopted pursuant to the requirements of Section 111(d) of the Clean Air Act and 40 CFR 60 Subpart B. The applicant's project is part of a program to comply with these regulations.

The applicant proposes to control TRS emissions from the presently installed digester system consisting of 22 batch digesters, 5 blow tanks, 2 blow heat accumulators, and a turpentine condenser system by collecting and incinerating all vent gases. The presently installed blow heat accumulators will be replaced with a single blow heat accumulator. The gases from the new blow heat accumulator will be vented to a proposed noncondensable gas (NCG) handling system. The applicant also

proposes to improve the turpentine condenser system and vent the gases to the proposed NCG system.

The applicant proposes to control emissions from the three presently installed multiple effect evaporator systems by collecting and incinerating all vent gases.

The applicant proposes to use the lime kiln as the TRS incinerator for the collected vent gases from the proposed NCG system. The applicant proposes to equip the lime kiln with the nozzles needed to inject the gases from the proposed NCG system into the combustion zone. The applicant has stated that the TRS emissions from the lime kiln will not exceed 20 ppmv on a dry basis at standard conditions corrected to 10% oxygen as a 12-hour average. The maximum mass TRS emissions will be 6.02 lbs/hr and 26.4 tons/year. The maximum SO₂ emissions will be determined on the basis of one-time pre- and post compliance testing. The lime kiln will utilize No. 6 fuel oil and/or natural gas. The sulfur content of the natural gas will be no greater than 0.1% by weight and the sulfur content of the No. 6 fuel oil will be no greater than 2.5% by weight.

The proposed NCG system is being designed to convey all emissions from affected sources to the TRS incinerator without venting--except in emergency situations. This conclusion is drawn from the applicant's statements.

II. Rule Applicability

Stone Container Corporation's Panama City mill is a major facility pursuant to Florida Administrative Code (FAC) Rule 17-2.100(111)[Definitions-Major Facility]. The facility is a kraft pulp mill which is one of the 28 major facility categories listed in Table 500-1 of FAC Rule 17-2.500 [Prevention of Significant Deterioration].

Based on the applicant's statements, the Department does not presently believe that the proposed project is subject to the preconstruction review requirements of FAC Rule 17-2.500(5)[PSD-Preconstruction Review Requirements]. The Department has relied upon the applicant's representation that: (1) the elements of the proposed project are necessary to comply with the TRS regulations adopted on March 21, 1985; and, (2) there will be no change in mass emissions of any pollutant listed in Table 500-2 of FAC Chapter 17-2.500 [PSD]. Please note that emission changes strictly associated with regulatory compliance do affect PSD increments.

Pursuant to the definitions in FAC Rule 17-2.100 [Definitions] the proposed project includes the following permitted sources. The digester system, pursuant to FAC Rule 17-2.100(59)[Definitions-Digester System], includes each of the

22 individual digester systems as a source. The batch digester, the turpentine condenser system, the blow tanks, proposed blow heat accumulator, etc., are considered components of each associated source. Each of the three multiple effect evaporator systems is a source. The No. 1A, No.2, and No.3 multiple effect evaporator systems, pursuant to FAC Rule 17-2.100(120)[Definitions-Multiple Effect Evaporator System] include each of the individual multiple effect evaporators, the associated condensers, and hotwells. The lime kiln is a source pursuant to FAC Rule 17-2.100(103)[Definitions-Lime Kiln] and a control device pursuant to FAC Rule 17-2.100(10)[Definitions-Air Pollution Control Equipment].

Based on the applicant's information, the following emission limiting standards are applicable. The TRS emissions from the digester system and multiple effect evaporator systems are subject to the incineration provisions of FAC Rule 17-2.600(4)(c)1.a.[Specific Source Emission Limiting Standards-Kraft (Sulfate) Pulp Mills and Tall Oil Plants-TRS-Digester Systems, etc.]. The TRS emissions from the lime kiln are subject to the provisions of FAC Rule 17-2.600(4)(c)5.[Specific Source Emission Limiting Standards-Kraft (Sulfate) Pulp Mills and Tall Oil Plants-TRS-Lime Kilns or Calciners]

The noncondensable gases shall be vented to the lime kiln for incineration and the emissions of TRS from the lime kiln shall not exceed 20 ppmv on a dry basis corrected to standard conditions at 10% oxygen as a 12-hour average.

Pursuant to FAC Rules 17-2.500(1)[PSD-General Prohibitions], 17-2.520[Sources not Subject to PSD or Nonattainment Requirements], and 17-4.070(4)[Standards for Issuing or Denying Permits], the Department has placed limitations on the total mass emissions from the lime kiln and the operation rates of the affected sources. The limitations on operation rates will also be used as one basis to establish proper operation and maintenance pursuant to FAC Rule 17-2.710(4)[Continuous Monitoring Requirements-Quarterly Reporting Requirements].

It is usually the practice of the Department to assign individual mass emission limitations to each regulated source. In this case, an aggregate total for TRS was assigned. The applicant was unable to provide the information needed for the Department to follow its normal practice of assigning a specific individual mass emission limit to each source at this time. Individual limitations will be assigned on the basis of testing before and after and any proposed future changes to these permitted sources that have not been specifically authorized by these permits.

The applicant is required to install a device to continuously monitor and record TRS emissions from the lime kiln

pursuant to the applicable requirements of FAC Rule 17-2.710[Continuous Monitoring Requirements].

The applicant's proposed project will also be subject to the applicable provisions of FAC Rules 17-2.240[Circumvention], 17-2.250[Excess Emissions], 17-2.600(4)(c)l.c.[Specific Source Emission Limiting Standards-Kraft (Sulfate) Pulp Mills and Tall Oil Plants-TRS-Digester Systems, etc.], and 17-4.130, [Plant Operation-Problems]. The applicant has requested Department approval to use the power boiler as an alternate means of incinerating the gases from the digester and multiple effect evaporator systems. The Department cannot act upon this request without an application for a construction permit. The application may be submitted at any time prior to the date that the required contingency plan is to be submitted.

The applicant is also required to install source sampling facilities on the lime kiln and perform source testing for TRS, particulate, and SO₂ in accordance with the provisions of FAC Rule 17-2.700[Stationary Point Source Emissions Test Procedures]. The continuous monitoring equipment is also to be certified in accordance with the applicable provisions of FAC Rule 17-2.710[Continuous Monitoring Requirements].

Pursuant to the applicable provisions of FAC Rules 17-2.960 [Compliance Schedules for Specific Source Emission Limiting Standards] and 17-2.971[Compliance Schedules for Continuous Monitoring Requirements] final compliance is to be achieved by May 12, 1989.

III. Summary of Emissions and Air Quality Analysis

A. Summary of Emissions

Based on the information supplied by the applicant, the Department expects the following changes in emissions to occur. These emission rates will be used in future reviews to determine PSD applicability.

Pollutant	Pre-Compliance		Post Compliance		Change	
	lbs/hr	T/Y	lbs/hr	T/Y	lbs/hr	T/Y
Particulate	29.8	130.7	29.8	130.7	0	0
TRS ¹	205.0	862.2	6.0	26.4	-199.0	-835.8
SO ₂	To Be Determined By EPA Method 6 Test					
NOx ²	67.0	293.3	67.0	293.3	0	0
CO	8.0	34.9	8.0	34.9	0	0
VOC	6.8	29.7	6.8	29.7	0	0

1. Estimated pre-compliance TRS emissions include digester system-119.4 lbs/hr & 501.5 T/Y; Nos. 1A, 2, & 3 MEE systems-total 79.6 lbs/hr & 334.4 T/Y; and, lime kiln-6.0 lbs/hr & 26.4 T/Y.
2. Estimated NOx emissions assume gas burned 100% of the time.

The applicant has agreed to perform one-time only pre- and post compliance testing for SO₂ emissions in order to determine if the incineration of TRS will result in increased SO₂ emissions. If mass emissions of SO₂ increase, then additional requirements of FAC Chapter 17-2 may apply. The applicant says that no increase in pollutant emissions is expected to occur.

B. Air Quality

Since the applicant predicted that there will not be any increase in mass emissions, an ambient air quality analysis was not required.

IV. Conclusion

The information supplied by the applicant indicates that the proposed project will not jeopardize the maintenance of ambient air quality standards. The Department proposes to issue the subject permits with the appropriate general and specific conditions pursuant to FAC Chapters 17-2 and 17-4.



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

PERMITTEE:

Stone Container Corporation
P. O. Box 2560
Panama City, FL 32402

Permit Number: AC 03-149719
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W

Project: Lime Kiln

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 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:

The permitting of the lime kiln. The construction of a noncondensable gas (NCG) handling system to convey all air pollutant emissions from the No. 1A, No. 2, and No. 3 multiple effect evaporator (MEE) systems and the digester system to the lime kiln for incineration. The construction of a system to inject the gases from the NCG system into the lime kiln for incineration. The project is located at the permittee's kraft pulp mill in Panama City, Bay County, Florida. The UTM coordinates are Zone 16, 632.8 km East, and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills

The Standard Classification Codes are: Pulp & Paper Industry

A. Pulp and Paper Industry

Major Group: 26 Sulfate (Kraft) Pulping
o Lime Kiln 3-07-001-06

B. Mineral Products

Major Group 32: Lime Manufacture
o Calcining-Rotary Lime Kiln 3-05-016-04

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

ATTACHMENTS

AC 03-149719

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C.H. Fancy's letter to J.F. Stewart, dated December 4, 1987.
3. L.D. Riley's letter to Clair Fancy, dated December 4, 1987, received December 7, 1987.
4. C.H. Fancy's letter to J.P. Stewart, dated January 22, 1988.
5. Revised permit application for lime kiln, received May 5, 1988.
6. C.H. Fancy's letter to J.F. Stewart, dated June 3, 1988.
7. L.D. Riley's letter to C.H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L.D. Riley's letter to C.H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L.D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 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. The lime kiln may operate continuously, i.e., 8760 hrs/yr.
2. The maximum lime production rate shall not exceed 36,700 lbs CaO/hr (dry) and is based on a total process input rate of 85,000 lbs/hr lime mud (dry).
3. The No. 6 Fuel Oil firing rate shall not exceed 139 MMBtu/hr heat input. The sulfur content of the fuel oil shall not exceed 2.5% by weight. The natural gas firing rate shall not exceed 216 MMBtu/hr heat input. The sulfur content of the natural gas shall not exceed 0.1% by weight.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

4. The maximum pollutant emissions shall not exceed:

- a) Particulate Matter (PM): 29.83 lbs/hr, 130.7 TPY
- b) Visible Emissions (VE): 20% Opacity or less
- c) TRS: 20 ppmvd @ standard conditions corrected to 10% O₂, as a 12-hr average (6.02 lbs/hr, 26.4 TPY)

5. Initial and annual compliance tests shall be conducted using the following test methods in accordance with FAC Rule 17-2.700 or other test methods previously approved by the Department and approved by the Department for this permit:

- a) EPA Method 5, Determination of Particulate Emissions from Stationary Sources
- b) EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
- c) EPA Method 16 or 16A, Determination of TRS Emissions from Stationary Sources

6. The lime kiln is subject to the provisions of FAC Rules 17-2.240: Circumvention, 17-2.250: Excess Emissions, 17-4.130: Plant Operations-Problems, 17-2.710(3)(b): Continuous Monitoring, 17-2.710(4): Quarterly Reporting Requirements, 17-4.140: Reports, and 17-2.971(1)(c): Compliance Schedules for Continuous Monitoring Requirements.

7. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive emissions.

8. Objectionable odors shall not be allowed off plant property in accordance with FAC Rule 17-2.620(2).

9. The lime kiln shall be in compliance with all applicable provisions of FAC Rules 17-2 and 17-4.

10. Pursuant to FAC Rule 17-2.960(1), Compliance Schedules, the lime kiln shall be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office by June 27, 1989.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-149719
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

11. The lime kiln shall be tested one-time only for SO₂ emissions to establish the level of SO₂ for PSD tracking purposes. The test(s) shall be performed using EPA Method 6 in accordance with FAC Rule 17-2.700(6)(b)6 or any other test method previously approved by the Department and approved by the Department for this permit.

12. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to FAC Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

13. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit an application for an operation permit, including the application fee, along with the compliance test results and the Certificate of Completion, to the 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 in accordance with FAC Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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. (FAC Rule 17-4)

14. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to FAC Rule 17-2.100(118), Modification, shall be submitted for approval to the DER's Bureau of Air Quality Management office.

15. The TRS emissions from the digester system (AC 03-142979), No. 1A MEE system (AC 03-149716), No. 2 MEE system (AC 03-142717), and the No. 3 MEE (AC 03-142718) shall be incinerated in the lime kiln which is a control device pursuant to FAC Rule 17-2.100(10) for the referenced sources and a source pursuant to FAC Rules 17-2.100(103) and (177).

Issued this _____ day of _____,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann, Secretary



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Stone Container Corp.
P. O. Box 2560
Panama City, FL 32402

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W
Project: No. 1A, No. 2, and No. 3
Multiple Effect Evaporator Systems

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 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:

The permitting of the No. 1A, No. 2, and No. 3 Multiple Effect Evaporator (MEE) Systems, which include the multiple effect evaporators and the associated condenser(s), and hot well(s). The construction of a noncondensable gas (NCG) handling system to collect and transport all of the NCG emissions from the MEE Systems to the lime kiln for incineration. The permit numbers assigned to the No. 1A, No. 2, and No. 3 MEE systems are AC 03-149716, AC 03-149717, and AC 03-149718 respectively. The project will occur at the permittee's existing facility. The UTM coordinates are Zone 16, 632.8 km East and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills

The Standard Classification Codes are: Pulp & Paper Industry

Major Group 26: Sulfate (Kraft) Pulping

o MEE System 3-07-001-03

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

AC 03-149716
AC 03-149717
AC 03-149718

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C.H. Fancy's letter to J.F. Stewart, dated December 4, 1987.
3. L.D. Riley's letter to Clair Fancy, dated December 4, 1987, received December 7, 1987.
4. C.H. Fancy's letter to J.P. Stewart, dated January 22, 1988.
5. Revised permit application for multiple effect evaporators (3 sets), May 5, 1988.
6. C.H. Fancy's letter to J.F. Stewart, dated June 3, 1988.
7. L.D. Riley's letter to C.H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L.D. Riley's letter to C.H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L.D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 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. The No. 1A, No. 2, and No. 3 MEE systems may each operate continuously, i.e., 8760 hours/year.
2. For testing, NSPS, and PSD purposes, the maximum process input rate to each MEE system will be 208,000 lbs dry black liquor solids (BLS)/hr to the No. 1A MEE system, 51,900 lbs dry BLS/hr to the No. 2 MEE system, and 99,500 lbs dry BLS/hr to the No. 3 MEE system. Tests for compliance will be performed with the control device (lime kiln) and all three MEE systems operating at 90-100% of their maximum process input rates.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

3. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the total reduced sulfur (TRS) emission limiting standard pursuant to FAC Rule 17-2.600(4)(c)1.a., which requires combustion of the TRS gases in the lime kiln, from which the exhaust gases shall not contain TRS in excess of 20 ppmvd at standard conditions corrected to 10% O₂ as a 12-hour average, in accordance with FAC Rule 17-2.600(4)(c)5.

4. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of FAC Rule 17-2.600(4)(c)1.c., which includes the requirement of establishing a contingency plan.

5. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive gaseous emissions.

6. Objectionable odors shall not be allowed off plant property in accordance with FAC Rule 17-2.620(2).

7. In the event that a compliance test has to be performed on any MEE system for TRS emissions, EPA Method 16 or 16A pursuant to FAC Rule 17-2.700 shall be used.

8. Pursuant to FAC Rule 17.960 (1)[Compliance Schedules] the No. 1A, No. 2, and No.3 MEE systems shall each be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office by June 27, 1989.

9. The No. 1A, No. 2, and No. 3 MEE systems shall each be in compliance with all applicable provisions of FAC Rules 17-2 and 17-4.

10. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of FAC Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; and, 17-4.130: Plant Operation-Problems.

11. The No. 1A, No. 2, and No. 3 MEE systems are each subject to the provisions of FAC Rules 17-2.710(4): Quarterly Reporting Requirements; and, 17-4.140: Reports.

12. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to FAC Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

PERMITTEE:
Stone Container Corp.

Permit Numbers: AC 03-149716
03-149717
03-149718
Expiration Date: Sept. 24, 1989

SPECIFIC CONDITIONS:

13. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit an application for an operation permit, including the application fee, along with the compliance test results, the Certificate of Completion, and the contingency plan, to the 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 in accordance with FAC Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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 (FAC Rule 17-4).

14. Any change in the method of operation, raw materials and chemicals processed, equipment, or operating hours pursuant to FAC Rule 17-2.100(118), Modification, shall be submitted for approval to DER's Bureau of Air Quality Management office.

15. The lime kiln's construction/operation permit(s) and any succeeding permit shall have a Specific Condition that the lime kiln is the TRS control device for the No. 1A, No. 2, and No.3 MEE systems.

16. The lime kiln shall be tested for TRS and one-time only for SO₂ emissions. The results will be used to rule out or require further emissions review pursuant to FAC Rule 17-2.500, PSD.

Issued this _____ day of _____,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann, Secretary



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

PERMITTEE:
Stone Container Corp.
P. O. Box 2560
Panama City, FL 32402

Permit Number: AC 03-142979
Expiration Date: September 24, 1989
County: Bay
Latitude/Longitude: 30° 08' 31"N
85° 37' 16"W
Project: Digester System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 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:

The permitting of the digester system which consists of 22 batch digester systems. Each batch digester system includes the batch digester, the blow tank(s), the blow heat accumulator(s), the turpentine condenser system(s), etc. pursuant to FAC Rule 17-2.100(59)[Definitions-Digester System]. The construction of a new digesting blow heat accumulator as a replacement for two presently installed digesting accumulators. The construction of improvements to the turpentine condenser system. The construction of a noncondensable gas (NCG) handling system to convey all air pollutant emissions from the digester system to the lime kiln for incineration. The project is located at the permittee's kraft pulp mill in Panama City, Bay County, Florida. The UTM coordinates are Zone 16, 632.8 km East, and 3335.1 km North.

The Standard Industrial Codes are: Industry No. 2611-Pulp Mills
Industry No. 2621-Paper Mills
The Standard Classification Codes are: Pulp & Paper Industry
Major Group 26: Sulfate (Kraft) Pulping
o Batch Digester System 3-07-001-01
o Turpentine Condenser 3-07-001-07

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

AC 03-142979

Attachments:

1. Permit application for digester system, ME evaporators, & turpentine condenser vent, received November 25, 1987.
2. C.H. Fancy's letter to J.F. Stewart, dated December 4, 1987.
3. L.D. Riley's letter to Clair Fancy, dated December 4, 1987, received December 7, 1987.
4. C.H. Fancy's letter to J.P. Stewart, dated January 22, 1988.
5. Revised permit application for digester system, received May 5, 1988.
6. C.H. Fancy's letter to J.F. Stewart, dated June 3, 1988.
7. L.D. Riley's letter to C.H. Fancy, dated July 1, 1988, received July 5, 1988.
8. L.D. Riley's letter to C.H. Fancy, dated July 7, 1988, received July 8, 1988.
9. L.D. Riley's letter to Mike Harley, dated July 13, 1988, received July 14, 1988.
10. Technical Evaluation and Preliminary Determination, dated August 9, 1988.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 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. The digester system may operate continuously, i.e. 8760 hours/year.
- 2.a. For PSD purposes, the annual production rate of the digester system will be 668,850 tons of air dry unbleached pulp (ADUP) per year.
 - b. For NSPS purposes, the maximum production rate of the digester system will be 79.6 tons of ADUP per hour and 1911 tons of ADUP per day.
 - c. For testing purposes, the maximum production rate of the

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

SPECIFIC CONDITIONS:

digester system will be 79.6 tons of ADUP per hour. Tests for compliance will be performed with the control device (lime kiln) operating at 90-100% of the maximum lime kiln operating rate and with the digester system operating as near the maximum production rate as possible, but in no case shall the operating rate of the digesters be less than 85% of the maximum production rate.

3. The digester system is subject to the total reduced sulfur (TRS) emission limiting standard pursuant to Florida Administrative Code (FAC) Rule 17-2.600(4)(c)1.a., which requires combustion of the TRS gases in the lime kiln, from which the exhaust gases shall not contain TRS in excess of 20 ppmvd at standard conditions corrected to 10% O₂ as a 12-hour average, in accordance with FAC Rule 17-2.600(4)(c)5.

4. The digester system is subject to the provisions of FAC Rule 17-2.600(4)(c)1.c., which includes the requirement of establishing a contingency plan.

5. Objectionable odors shall not be allowed off plant property in accordance with FAC Rule 17-2.620(2).

6. The digester system is subject to the provisions of FAC Rules 17-2.240: Circumvention, 17-2.250: Excess Emissions, and 17-4.130: Plant Operation-Problems.

7. The digester system is subject to the provisions of FAC Rules 17-2.710(4): Quarterly Reporting Requirements, and 17-4.140: Reports.

8. Compliance tests using EPA Method 16 or 16A, Determination of TRS Emissions from Stationary Sources, in accordance with FAC Rule 17-2.700, shall be conducted if the permittee does not incinerate the TRS gases from the digester system in the lime kiln.

9. All process equipment shall be inspected regularly and maintained in good operating condition to minimize fugitive gaseous emissions.

10. Pursuant to FAC Rule 17-2.960(1), the digester system shall be in final compliance by May 12, 1989, and the permittee shall provide proof of final compliance to the Northwest District office June 27, 1989.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

SPECIFIC CONDITIONS:

11. The digester system shall be in compliance with all applicable provisions in FAC Rules 17-2 and 17-4.

12. The Northwest District office shall be notified in writing at least 15 days prior to source testing pursuant to FAC Rule 17-2.700(2)(a)5. Written reports of the tests shall be submitted to the Northwest District office within 45 days of test completion.

13. 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 operation permit, including the application fee, along with compliance test results, the Certificate of Completion, and the contingency plan, to the 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 in accordance with FAC Rules 17-2 and 17-4.

If the construction permit expires prior to the permittee 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. (FAC Rule 17-4)

14. Any change in the method of operation, raw materials and chemicals processed, equipment, or operation hours pursuant to FAC Rule 17-2.100(118), Modification, shall be submitted for approval to DER's Bureau of Air Quality Management office.

15. The lime kiln's construction/operating permit(s) shall have a Specific Condition that the lime kiln is the TRS control device for the digester system.

16. The lime kiln shall be tested for TRS and one-time only for SO₂ emissions. The results will be used to rule out or require further emissions review pursuant to FAC Rule 17-2.500, PSD.

PERMITTEE:
Stone Container Corp.

Permit Number: AC 03-142979
Expiration Date: September 24, 1989

Issued this ____ day of _____,
1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann, Secretary

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
ROBERT V. KRIEGEL
DISTRICT MANAGER

August 8, 1988

Mr. David Riley, Jr.
Environmental Superintendent
Stone Container Corporation
Post Office Box 2560
Panama City, FL 32402

Dear Mr. Riley:

This is in response to your request of July 27, 1988. By this letter, permit A003-115671 is modified.

The operating rate description on the first page of the permit shall read:
The three sets of evaporators process a total of 359,400 pounds of black liquor solids per hour. Sets #1A, #2 and #3 process 58%, 14% and 28% of the total, respectively.

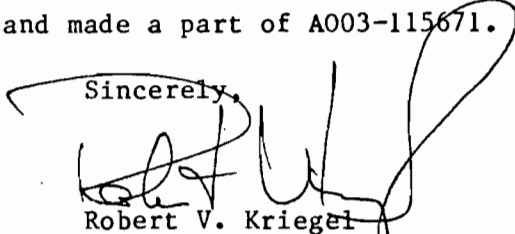
The maximum allowable operating rate numbers of condition 15 are amended to: 1,720 tons of bone dry pulp per day (approximately 359,400 pounds of black liquor solids per hour, total of three sets of evaporators.)

The hourly emissions estimate prior to compliance (condition 18) is increased to 40 pounds of TRS/hour.

The estimated hourly emissions are increased proportional to the maximum allowable operating rate increase. The estimated yearly emissions remain unchanged, based on an unchanged nominal operating rate of 1,460 tons bone dry pulp per day.

This letter shall be attached to and made a part of A003-115671.

Sincerely,


Robert V. Kriegel
Deputy Assistant Secretary

RVK/jpl

cc: Mr. Mike Harley
Mr. Bill Thomas
DER, Panama City Branch Office

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Mike Harley - DARM - BAQM - CAPS T.T. TAL.

Initial

Date

2.

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

RECEIVED

AUG 9 1988

DER - BAQM

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

*Jack Preece
Cinnacola Air Program*

N.W.

DATE

8-8-88

PHONE

695 8364



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

Interoffice Memorandum

TO: File

FROM: Mike Harley *MikeH*

DATE: July 14, 1988

SUBJ: Stone Container Corporation Construction Permit Applications: No. 1A, No. 2, and No. 3 MEEs; Digester System; and, Lime Kiln

On July 12, 1988, I spoke to Mr. L. D. Riley of Stone Container Corporation. Mr. Riley provided the following information:

1. The maximum rate to be included in Specific Condition No. 2.b. of the batch digester permit should be 79.6 TPH instead of 120 TPH, at least for the time being.
2. The lime production rate of the lime kiln should be 36,700 lbs./hr. The conversion efficiency is not 100% due to factors such as dust generation within the lime kiln. Elimination of dusting could reduce the loading to the scrubber and increase the output of the lime kiln. The company is investigating ways to improve the lime recovery.
3. The lime kiln exhaust gas flow was measured at 7% O₂. He said that it is OK to correct the emissions to 10% O₂.
4. The fuel oil flow rate should be a maximum of 22 bbls./hr. and 136.6 MMBtu/hr.

On July 13, 1988, I again spoke with Mr. L. D. Riley of Stone Container Corporation. Mr. Riley provided the following information:

1. The natural gas usage rates are 165 MCF/hr. (average) and 195 MCF/hr. (maximum).
2. The heat content of natural gas is 1.11 MMBtu/MCF.
3. The heat inputs due to natural gas are 183.15 MMBtu/hr. (average) and 216.45 MMBtu/hr. (maximum).

4. The sulfur content of the natural gas burned by the company is not presently known, but it will be OK to use the level agreed upon with Georgia-Pacific.
5. It would be difficult for the company to generate enough dry BLS to perform testing at 90%-100% of the maximum permitted rate for all three evaporators to be tested at the same time.
6. An explanation of how the company presently measures dry BLS.

The estimated pollutant emissions that were not quantified in the application are:

Sulfur Dioxide:

To Be Determined By Test.

Carbon Monoxide (AP-42 p. 10.1-5, 10/86) :

$$\text{lbs./hr.} = (79.6 \text{ TADUP})(0.1 \text{ lb./TADUP}) = 7.96$$

$$\text{TPH} = (7.96 \text{ lbs./hr.})(4.38) = 34.9$$

NO_x (TAPPI 1981 Environmental Conference p. 117) :

Lime Kiln 4A Oil (0.34 lb./MMBtu) & Gas (0.31 lb./MMBtu)
Only lime kiln for which both oil & gas emissions were available.

$$\text{lbs./hr. (oil)} = (0.34 \text{ lb./MMBtu})(139 \text{ MMBtu/hr.}) = 47.26$$

$$\text{TPH (oil)} = (47.26 \text{ lbs./hr.})(4.38) = 207.0$$

$$\text{lbs./hr. (gas)} = (0.31 \text{ lb./MMBtu})(216 \text{ MMBtu/hr.}) = 66.96$$

$$\text{TPH (gas)} = (66.96 \text{ lbs./hr.})(4.38) = 293.3$$

VOC (TAPPI 1981 Environmental Conference p. 125) :

Lime Kiln C, After Scrubber (0.37 lb./T of CaO)

$$\text{lbs./hr.} = (18.35 \text{ T of CaO/hr.})(0.37 \text{ lb./T of CaO}) = 6.79 \text{ as CH}_4$$

$$\text{TPH} = (6.79 \text{ lbs./hr.})(4.38) = 29.7 \text{ as CH}_4$$

File
July 14, 1988
Page 3

TRS (Data Provided By The Applicant) :

$$(44,720 \text{ DSCFM}) \frac{(21-7)}{(21-10)} = 56,916 \text{ DSCFM @ 10\% O}_2$$

$$\text{lbs./hr.} = (56,916 \text{ DSCFM}) \left(\frac{20 \text{ parts}}{1,000,000} \right) \left(\frac{1 \text{ mole}}{385.55 \text{ DSCF}} \right) \left(\frac{34 \text{ lbs.}}{1 \text{ mole}} \right) \left(\frac{60 \text{ min.}}{1 \text{ hr.}} \right) \\ = 6.02$$

$$\text{TPH} = (6.02 \text{ lbs./hr.}) (4.38) = 26.4$$

It should be noted that there are some small differences in some of the fossil fuel data received by telephone and the data used in these calculations. The fossil fuel data used in the final calculations reflects data contained in Mr. Riley's letter of July 13, 1988 (received July 14, 1988) which confirmed our telephone conversation of July 13, 1988.



Stone Container Corporation

Containerboard and Paper Division

PM
13 July 1988
Panama City, FL

File Copy

Panama City Mill

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

July 13, 1988

AC 03-149719

Mr. Mike Harley
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Harley:

The following information is confirmation of our telephone conversation yesterday and today.

The exit gasses from the lime kiln are expressed as dry standard cubic feet per minute without correcting the oxygen content to 10%. The measured oxygen content was 7%. I have no objection to you correcting the flow to 10% oxygen since this is the oxygen level at which TRS compliance is determined.

The oil consumption in the kiln is as follows:

Average:	655 Gal/Hour	98 MM BTU/Hour
Maximum:	924 Gal/Hour	139 MM BTU/Hour

The gas consumption in the kiln is as follows:

Average:	165 MCF/Hour	183 MM BTU/Hour
Maximum:	195 MCF/Hour	216 MM BTU/Hour

If you have other questions, please call me.

Your very truly,

L. D. Riley, Jr.
Environmental Superintendent

/cf

cc: Jack Prescott
J. F. Stewart
Curtis Barton - Atlanta

RECEIVED

JUL 14 1988

DER - BAQM

Copied: Mike Newby
E#F137
Ed Maddisawant
Pradeep Raval } 7.15.88



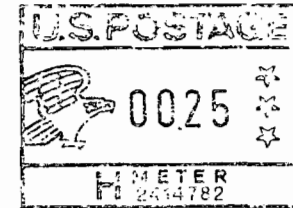
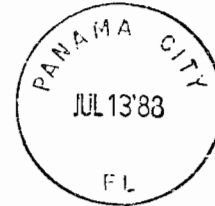
Stone Container Corporation

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

AC03-149719
Ed Waddlesworth
M.H.
CAFIBT
P Rawal

Mr. Mike Harley
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400



Fed. Ex. # 53198

7-7-88



Panama City, FL

Stone Container Corporation

file copy

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

July 7, 1988

Mr. C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management
Florida Dept. of Environmental Regulation
Twin Tower Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
JUL 08 1988
DER-BAQM

Dear Mr. Fancy:

The information omitted from our response to your incompleteness letter concerning the construction permit application for the NCG collecting and incinerating system is given below.

5. The rupture discs in the system will be 10 PSIG discs. Relief valves, which are self reseating, will be set at 5 PSIG on the heat accumulator. The relief settings can be increased should venting become a problem. There is no regular on cyclical venting designed into the system.

9. The gas parameters requested are:

	<u>ACFM</u>	<u>DSCFM</u>	<u>TEMP. °F</u>	<u>% MOIST.</u>	<u>VEL. FT/SEC</u>
#1A MME	150	90	160	21	25
#2 MME	90	70	120	8	26
#3 MME	90	70	120	8	26
DIGESTERS*	560	400	130	11	42

*Peak Conditions

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

/cf

cc: Jack Prescott
Curtis Barton - Atlanta

*copied: Pradeep Raval
Mike Harley
Ed Middlebrook
CWP/RT* } 7-8-88

BEST AVAILABLE COPY



USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII. COMPLETE PURPLE AREAS FOR ASSISTANCE. CALL 800-238-5355. TOLL FREE. SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS.

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER

DATE

53193

1071-1562-2

7-07-88

From (Your Name) **L. D. Riley, Jr.** Your Phone Number (Very Important) **(904)785-4311**

Company **STONE CONTAINER CORPORATION** Department/Floor No.

Street Address **1 EVERITT AVE.**

City **PANAMA CITY** State **FL**

To (Recipient's Name) **C. H. Fancy** Recipient's Phone Number (Very Important)

Company Department/Floor No.

Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result in Extra Charge.) **FL DEPT. ENVIRONMENTAL REGULATION**

2600 BLAIR STONE ROAD (TWIN TOWER OFF. BLDG.)

City **TALLAHASSEE** State **FL**

AIRBILL NO. **261919000**

ZIP Zip Code Required For Correct Invoicing **32402**

ZIP Street Address Zip Required (No P.O. Box Zip Code) **432399-2400**

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS STATION: Street Address (See Service Guide or Call 800-238-5355)

PAYMENT Bill Shipper Bill Recipient's FedEx Acct. No. Bill 3rd Party FedEx Acct. No. Bill Credit Card

Cash FedEx Acct. No. or Major Credit Card No.

4 SERVICES CHECK ONLY ONE BOX

PRIORITY 1 Overnight Delivery Using Your Packaging

OVERNIGHT LETTER (Our Packaging) 9"x12"

OVERNIGHT DELIVERY USING OUR PACKAGING

Courier-Pak Overnight Envelope 12" x 15 1/2"

Overnight Box 12 1/2" x 17 1/2" x 3" A

Overnight Tube 38" x 6" x 6" x 6" B

STANDARD AIR Delivery not later than second business day

SERVICE COMMITMENT

PRIORITY 1 - Delivery is scheduled early next business morning in most locations. It may take two or more business days if the destination is outside our primary service areas.

STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days if the destination is outside our primary service areas.

DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED

HOLD FOR PICK-UP Give the Federal Express address where you want package held in Section H at right.

DELIVER WEEKDAY

DELIVER SATURDAY (Extra charge applies.)

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DRY ICE _____ Lbs.

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PACKAGES	WEIGHT	YOUR DECLARED VALUE	OVER SIZE
Total	Total	Total	

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Date/Time Received _____ FedEx Employee Number _____

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Declared Value Charge _____

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Total Charges _____

PART #2041738901
FEC-S-751-1000
REVISION DATE 10/85
PRINTED U.S.A. GBF

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Stone Container Corporation

Panama City Mill

2477

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

July 1, 1988

(904) 785-4311

CERTIFIED MAIL

RECEIVED

JUL 05 1988

DER-BAQM

Mr. C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Fancy:

Enclosed is our response to the incompleteness letter concerning the NCG gas collecting and incinerating system at the Panama City Mill of Stone Container Corporation. The engineer from A. H. Lundberg, who was primarily responsible for the design of the system, has not been available for consultation; therefore, I am not able to furnish the answers to items 5 and the gas flow portion of item 9. This data will be telecopied to you on July 6, 1988.

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDRJr/gh

Attachments

cc: J. F. Stewart
J. B. Prescott
Curtis Barton-Atlanta

copied: Pradeep Raval
Mike Harley
Ed Middlewert
CHF/13T

7-8-88

1031

1988 JUL - 5 PM 3:23
RECEIVED
DER-MAIL ROOM

NO P.M.

file copy

1. A check for \$500 is enclosed as requested in the incompleteness letter.
2. The correct latitude and longitude is
Lat: 30° 08' 31" N Long: 85° 37' 16" W
3. There is no proposed increase in the operating rate of the digester system. The interim rates were those rates at which we normally operate and were used so TRS emissions would not be increased during the period between adoption of the rule and final compliance. The interim operating permit has been amended to reflect the maximum obtainable operating rates. Please see the enclosed letter from the Northwest District Office.

<u>Maximum Input</u>	<u>Lbs/Hr</u>
Black Liquor	334,000
White Liquor	519,600
Wood Chips	318,500 (air dry basis)
Turpentine Output	790

4. We propose to replace the existing heat accumulators with one unit.

6. The project does not include any increases in the maximum operating rates for the multiple effect evaporators. If you calculate the tons of black liquor solids generated from the permitted pulp production, you will note that this value is somewhat lower than the maximum capacity of all our evaporators. This results from the fact that we have excess evaporator capacity and we seldom, if ever, operate all three sets at the same time.

<u>Maximum Operating Rates, Lbs/Hr.</u>		<u>Existing Solids Content, %</u>
1A set	208,000 lbs./hr.	49 %
2 set	51,900 lbs./hr.	47.5%
3 set	99,500 lbs./hr.	47.5%

7. An increase in the operating rate for the lime kiln has not been requested. The apparent increase in the operating rate results from the correction of a permitting error that has been perpetuated from the early 1970's. The input rate was changed to reflect actual operating conditions that have existed since the installation of the kiln. Please see the most recent operating permit, a copy of which is enclosed.
8. Fuel input to the kiln will not increase.
9. The uncontrolled emissions from the batch digesters were calculated as follows:

$$1.5 \text{ \#TRS/A.D. Ton Pulp} \times 79.6 \text{ A.D. Tons} \times 24 \text{ Hrs./Day} \times 350 \text{ Days/Yr} = 1,002,960 \text{ \#/Yr. or } 501.48 \text{ Tons/Yr.}$$

The uncontrolled emissions from the multiple effect evaporators were calculated as follows:

$$1.0 \text{ \#TRS/A.D. Ton Pulp} \times 79.6 \text{ A.D. Tons} \times 24 \text{ Hrs./Day} \times 350 \text{ Days/Yr} = 668,640 \text{ \#/Yr. or } 334.32 \text{ Tons/Yr.}$$

Emission factors were taken from the EPA TRS guideline document. There is an error in the reported uncontrolled emissions in the original permit application. The original emission estimates were made using the factor for RSH, RSR, RSSR and did not include any estimates for H₂S. The estimates reported here are correct.

The following are the parameters requested for the above gases.

	<u>ACFM</u>	<u>DSCFM</u>	<u>Temp.</u>	<u>% Moisture</u>	<u>Vel.Ft./Sec.</u>
Digesters					
#1A MEE					
#2 MEE					
#3 MEE					

You have requested that we provide calculations for the estimated controlled mass emissions from the lime kiln before and after completion of the proposed project. There will be no net emissions increase in any parameters on table 500-2 as a result of this project. Hence, there are no emissions calculations to provide.

The estimated oxygen content of the flue gases emitted from the lime kiln is 2-3%.

10. Since the NCG's will only be infrequently incinerated in the power boiler when the lime kiln is out of service, we believe this matter can be accommodated with a simple revision to the boiler operating permit. We would like to meet with the department to discuss this approach.
11. We do not plan to install a condensate stripper as part of this project.

All Compliance test have been performed at or near the requested rate. Data is given below.

	<u>Process Rate</u> <u>Tons/Hr</u>	<u>Emissions</u> <u>#/Hr</u>	<u>Emissions</u> <u>Limit/#Hr</u>
1987	43.9	27.1	29.8
1986	38.2	25.0	29.8
1985	31.2	25.7	29.8
1984	41.3	8.5	29.8
1983	30.9	24.7	29.8
1978	50.7	15.7	29.8
1975	39.2	27.7	29.8
Requested Rate	42.5		

The particulate emission rate calculated using the appropriate equation in chapter 17-2.610(1) FAC for the requested process rate would be 31.2 pounds per hour. This is an increase of only 1.4 pounds per hour above the present emission limit of 29.83 pounds per hour.

Thank you for your consideration in this matter.

Yours very truly,

STONE CONTAINER CORPORATION



L. D. Riley, Jr.
Environmental Superintendent

LDR,Jr:cf

cc: J. F. Stewart
J. B. Prescott

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
ROBERT V. KRIEGEL
DISTRICT MANAGER

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000904
Permit/Certification Number: A003-141023
Date of Issue: MAR 21 1988

Expiration Date: March 1, 1993
County: Bay
Latitude/Longitude: 30°08'31"N/85°37'16"W
Section/Township/Range: Parker/4S/14W
Project: Lime Kiln

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown of 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:

Operation of lime kiln. Designed to produce 400 tons of CaO per day by calcining lime mud. Particulate emissions are controlled by a venturi wet scrubber followed by a cyclone. Total Reduced Sulfur (TRS) emissions are controlled by proper mud washing and a high temperature at the cold end of the kiln.

Located: #1 Everett Avenue, Parker (Panama City).

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000904

Permit/Certification Number: A003-141023

Date of Issue: MAR 21 1988

Expiration Date: March 1, 1993

GENERAL CONDITIONS:

14. 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:

15. ~~The maximum allowable operating rate is 42.5 tons of lime mud solids~~ (primarily calcium carbonate contains some inerts). This is the operating rate at which compliance with the standards shall be demonstrated.

16. Particulate emissions shall not exceed 29.83 pounds per hour at 30 tons of lime mud solids input per hour or higher. At lesser operating rates, the particulate emissions shall not exceed the amount shown in Process Weight Table 610-1 or that calculated from the appropriate equation of FAC Rule 17-2.610(1).

17. TRS emissions shall not exceed 20 ppm by volume on a dry basis at standard conditions corrected to 10% oxygen as a 12-hour average. Compliance with this standard shall become effective upon installation and certification of the continuous emission monitoring system.

18. If the Department observes visible emissions in excess of 20% opacity beyond the dissipated steam plume, it shall be considered good reason to believe that the applicable mass emission standard is in danger of being violated. The permittee shall be required to run a special compliance test in accordance with FAC Rule 17-2.700(2)(b). Such test shall be conducted within 14 days after the Department has notified the permittee of the applicability of this permit condition.

19. Particulate tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA methods 1, 2, 3 and 5. Such tests shall be conducted once per year before the end of October. Results shall be submitted to the Department within 45 days after testing. The Department shall be notified at least 15 days prior to testing to allow witnessing.



Stone Container Corporation
 PANAMA CITY MILL
 PANAMA CITY, FLORIDA

66-798
 531

2477 NO. 14688

2477

FILE NO	DATE
06-30	06-30-88

PAY EXACTLY*****\$500.00*****\$500.00

PAY TO THE ORDER OF

Stone Container Corporation
 GENERAL ACCOUNT-PANAMA CITY MILL

FLORIDA DEPARTMENT OF ENVIRONMENTAL
 REGULATION

P.W. Cunningham Jr.
J.F. Stewart

4311

TO NCNB NATIONAL BANK OF N.C.
 ASHEVILLE, NORTH CAROLINA



Deputy Chief
 Bureau of Air Quality Management
 Florida Department of Environmental Regulation
 Twin Towers Office Building
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

DER-BAC...

Dear Mr. Fancy:

Enclosed is our response to the incompleteness letter concerning the NCG gas collecting and incinerating system at the Panama City Mill of Stone Container Corporation. The engineer from A. H. Lundberg, who was primarily responsible for the design of the system, has not been available for consultation; therefore, I am not able to furnish the answers to items 5 and the gas flow portion of item 9. This data will be telecopied to you on July 6, 1988.

Yours very truly,

L. D. Riley, Jr.

L. D. Riley, Jr.
 Environmental Superintendent

LDRJr/gh

Attachments

cc: J. F. Stewart
 J. B. Prescott
 Curtis Barton-Atlanta

1031

1988 JUL -5 PM 3:23
 RECEIVE
 DER-MAIL ROOM

January 7, 1988

Mr. Jack Preece
Florida Dept. of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501

Dear Mr. Preece:

In response to Mr. Moody's incompleteness letter, I offer the following additional information for application Nos. 141022, 141023, and 141024.

III. Lime Kiln: Permit No. A003-63150

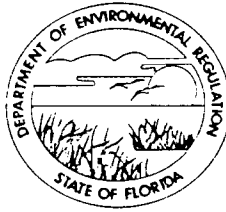
The requested change in the process feed rate to the lime kiln is made to correct a permitting error that has been perpetuated since 1971 or 1972. An explanation of the error follows.

A - Kiln Production	400 Tons/Day	CaO
B - Molecular Wt. CaO	56	
C - Molecular Wt. CaCO ³	100	
D - Process Rate as permitted	400 Tons/Day CaO	$\times 100/56 = 714$ Tons/Day

Feed rate as CaCO³. This calculation assumes 100% conversion of CaCO³ to CaO and no process losses or dust losses from the kiln.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
ROBERT V. KRIEDEL
DISTRICT MANAGER

June 16, 1988

Mr. David Riley, Jr.
Environmental Superintendent
Stone Container Corporation
Post Office Box 2560
Panama City, Florida 32402

Dear Mr. Riley:

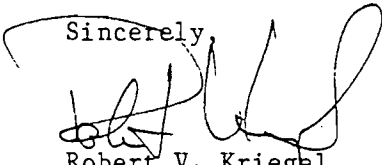
By this letter, permits A003-90958 and 90960 are modified.

The maximum allowable operating rate (condition 15 of each permit) is increased to 1720 tons of bone dry pulp/day.

The hourly emission estimate prior to compliance (condition 18 of each permit) is increased to 127 and 41 pounds of TRS/hour, respectively.

This letter shall be attached to and made part of permits A003-90958 and 90960.

Sincerely,



Robert V. Kriegel
District Manager

RVK/jpl

cc: Mr. Mike Harley
Mr. Bill Thomas
DER - Panama City Branch Office

DEPARTMENT OF ENVIRONMENTAL REGULATION

**ROUTING AND
TRANSMITTAL SLIP**

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Mike Harley, BAQM - TT

Initial

Date

2.

Initial

Date

3.

14, 700

Initial

Date

4.

Initial

Date

REMARKS:

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DER - BAQM

INFORMATION

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DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

*Jack Preece
Pensacola Air Permitting*

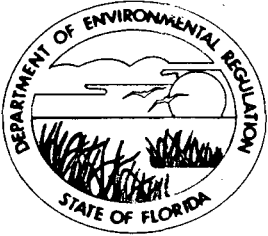
N.W.

DATE

6/16/88

PHONE

Clai Fanay.



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

June 17, 1988

Mr. J. R. Middlemas, CPCU
Black Insurance
101 Harrison Ave
Post Office Box 166
Panama City, Florida 32402


Dear Mr. Middlemas:

Thank you for your June 2 letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

On November 25, 1987, Stone Container submitted permit applications to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2, Florida Administrative Code. The application review process is well underway.

Along with the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,


Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Chai Fanczy - 306F

Initial

Date

2.

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

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JUN 17 1988

DER - BAQM

FROM:

Stinley - Sec.

DATE

6-17-88

PHONE

DOCUMENT SUMMARY

Library: PLDRAFTS
Title: Middlemas 06-011
Document ID: 1971
Author: Clair Fancy
Operator: Kim Sholar

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/14/88 3:15

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STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
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Revised	06/10/88	8:54	:01	13
Last Retrieved	/ /	:	from:	
Last Archived	/ /	:	to:	
Total Pages:	1	Total Worktime:	:32	
		Total Keystrokes:	239	

DEPARTMENT OF ENVIRONMENTAL REGULATION

FORM # 12B

ROUTING AND TRANSMITTAL SLIP

ACTION NO
06-011
ACTION DUE DATE
6/12/88

1. TO: (NAME, OFFICE, LOCATION)

1.	Steve Smallwood 338-C	Initial JH
		Date 6-7-88
2.	Thru: Alan Faney / Bill Thorne	Initial
		Date
3.	Howard [unclear] / [unclear]	Initial
		Date
4.	Jim Prudlop [unclear]	Initial
		Date

REMARKS:

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JUN 6 1988

DER-BAQM

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JUN 14 1988

DIRECTOR - PROGRAMS

INFORMATION

- Review & Return
- Review & File
- Initial & Forward

DISPOSITION

- Review & Respond
- Prepare Response
- For My Signature DT
- For Your Signature
- Let's Discuss
- Set Up Meeting
- Investigate & Report
- Initial & Forward
- Distribute
- Concurrence
- For Processing
- Initial & Return

FROM:

Jim Lewis

DATE

6/3

PHONE

June 14, 1988

Mr. J. R. Middlemas, CPCU
Black Insurance
101 Harrison Ave
Post Office Box 166
Panama City, Florida 32402

Dear Mr. Middlemas:

Thank you for your June 2 letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

On November 25, 1987, Stone Container submitted permit applications to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2, Florida Administrative Code. The application review process is well underway.

The company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule (along with all the other kraft pulp mills in the state).

Sincerely,

Dale Twachtman
Secretary

Steve Smallwood
draft letter DT

BLACK INSURANCE

Insurance Service Since 1912

101 HARRISON AVE., P. O. BOX 166, PANAMA CITY, FLA. 32402
(904) 785-6181
BEACH BRANCH: (904) 234-9830

L. WARREN MIDDLEMAS, JR., CPCU
JOHN ROBERT MIDDLEMAS, CPCU
EVELYN (EVE) TOOLEY
OFFICE MANAGER

JAMES H. DAY, CLU
EUGENE A. CRIST
JOHN ROBERT MIDDLEMAS, JR.
L. WARREN MIDDLEMAS, III

June 2, 1988

Mr. Dale Twachtmann
Secretary
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

JUN 8 1988

Office of the Secretary

Dear Mr. Twachtmann:

I am a lifelong resident of Panama City, and for my entire 51 years I have endured the odor from the local paper mill in Panama City. I formerly served as a member of the Environmental Regulation Commission, and one of the things in which I was most interested while on that commission was an odor control rule for paper mills.

I was happy when about four years ago the ERC adopted an odor control rule for paper mills. As I understood it at that time, the mills in Florida would have five years to comply with the rule. I believe that July 1, 1989, is the deadline for the local Stone Container Corporation paper mill to meet the stipulation of that rule.

Mr. Twachtmann, I write to you to tell you how important I think that it is that Stone Container meet the odor control rule on time on July 1, 1989. I think that it would be wrong to give any extension to the mill, to make any exceptions in compliance with the rule. Panama City has endured the foul odors of a paper mill for longer than it should. Nothing will help the economy and the quality of life in Panama City more than reduction of the odor that comes from Stone Container Corporation mill.

We are depending on you to see that Stone Container meets every condition of the rule, and meets the deadline of July 1, 1989.

I hope that we can count on you.

Very truly yours,

John Robert Middlemas

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JUN 6 1988

DER-BAQM



DOCUMENT SUMMARY

Library:
Title: Middlemas 06-011
Document ID:
Author: Clair Fancy
Operator: Kim Sholar

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STATISTICS

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Last Archived	/ /	:	to:	
Total Pages:	1	Total Worktime:	:37	
		Total Keystrokes:	341	

Clair Fanaj



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

June 17, 1988

Mr. W.M. Thompson
6539 John Pitts Road
Panama City, Florida 32404

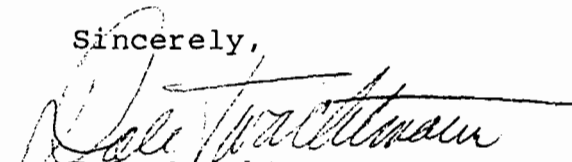
Dear Mr. Thompson:

This is in response to your May 20, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Initial

Date

Chai Fanczy - 306 F

2.

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

INFORMATION

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Initial & Forward

DISPOSITION

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Prepare Response

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For Your Signature

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JUN 17 1988

DER - BAQM

FROM:

Shively - 9/sec.

DATE

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DOCUMENT SUMMARY

Library:
Title: Mr. W.M. Thompson Action f05-074
Document ID: 1970
Author: Clair Fancy
Operator: Jackie Palacios

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/14/88 2:30

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STATISTICS

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Last Archived	/ /	:	to: PLDRAFTS	
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		Total Keystrokes:	210	

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DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO
05-074
ACTION DUE DATE
6/14/88

1. TO: (NAME, OFFICE, LOCATION)	Initial	Date
<i>Randy Armstrong #30 B</i>		
<i>[Signature]</i>		
<i>Steve Smallwood</i>		
<i>BAQM</i>		

REMARKS:
Draft response for Sab's signature.

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MAY 24 1988
DIVISION OF ENVIRONMENTAL PERMITTING
BT

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MAY 31 1988
DER-BAQM

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Prepare Response
<input checked="" type="checkbox"/> For My Signature
For Your Signature
Let's Discuss
Set Up Meeting
Investigate & Report
Initial & Forward
Distribute
Concurrence
For Processing
Initial & Return

FROM: *Slinsky - O/sec.*

DATE *5/24/88*
PHONE

DOCUMENT SUMMARY

Library:
Title: Mr. W.M. Thompson Action #05-074
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
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JPC
6/13

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Last Archived	/ /	:	to:	
Total Pages:	1	Total Worktime:	:04	
		Total Keystrokes:	131	

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JUN 6 1988

Office of the Secretary

June 3, 1988

Mr. W.M. Thompson
6539 John Pitts Road
Panama City, Florida 32404

Dear Mr. Thompson:

This is in response to your May 20, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

The company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule along with all the other kraft pulp mills in the state,

Sincerely,

Dale Twachtmann
Secretary

DT/jp

~~cc: C. Fancy, P.E.
E. Middleswart~~

*Randy Armstrong
Drafting DT*

W. M. Thompson
6539 John Pitts Rd.
Panama City, FL 32404

May 20, 1988

Mr. Dale Twachtmann
Florida Dept. of Environmental
Regulation
2600 Blair Stone Rd.
Tallahassee, FL 32301

RECEIVED
MAY 24 1988

Dear Mr. Twachtmann:

Office of the Secretary

This is in regard to Stone Container's air emissions resulting from their facility in Bay County, Florida.

As I understand the situation, we have the technology to significantly reduce the odor and to meet other air quality standards at this papermill. We also have the necessary law and regulations. This mill is notorious for its failure to adequately meet the conditions of any permit (air or water). The mill always has some excuse which keeps the State from taking an aggressive and effective action. However, enough is enough, this mill has until July 1, 1989 to comply with odor control standards and under no conditions should the State deviate from that date. Full compliance with other air quality standards should be immediately required.

We moved here aware of the papermill and assumed it's pollution discharges, both air and water, were within the permitted limits. As what I have seen, water and air quality violations have been allowed to occur since they were established. The long history of noncompliance should be an embarrassment to the citizens of Bay County, Florida DER, and the EPA.

Please keep me informed of your actions on this matter.

Sincerely yours,

W. M. Thompson
W. M. Thompson

RECEIVED

MAY 31 1988

DER - BAQM

RECEIVED

MAY 24 1988

DIVISION OF
ENVIRONMENTAL PERMITTING

DOCUMENT SUMMARY

Library:
Title: Mr. W.M. Thompson Action f05-074
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/15/88 9:31

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
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Revised	06/14/88	14:15	:04	75
Last Retrieved	/ /	:	from: PLAQMRKS	
Last Archived	/ /	:	to: PLDRAFTS	
Total Pages:	1	Total Worktime:	:09	
		Total Keystrokes:	210	

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Pat Kennedy

Initial

Date

2.

[Signature]

Initial

Date

3.

[Signature]

Initial

Date

4.

Jurin

Initial

Date

REMARKS:

*Ready for
final in PC DRAPIS*

RECEIVED
JUN 14 1988
1970
DIRECTOR - PROGRAMS

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

DATE

PHONE

Clair Raney.



Florida Department of Environmental Regulation

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

Bob Martínez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

June 17, 1988

Mr. Richard F. Walker, Jr.
504 North MacArthur Avenue
Panama City, Florida 32401

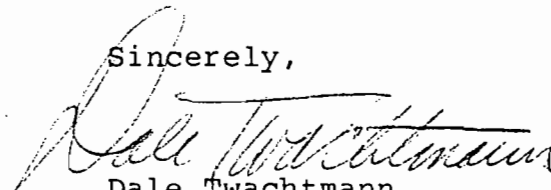
Dear Mr. Walker:

This is in response to your May 18, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,


Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Chair Fancay - 306 F

Initial

Date

2.

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

RECEIVED

JUN 17 1988

DER - BAQM

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

Sturley - o/sec.

DATE

6-17-88

PHONE

DOCUMENT SUMMARY

CAT

Library: *PLAQMRS*
 Title: Mr. Richard F. Walker, Jr., Action f05-070
 Document ID: *14*
 Author: Clair Fancy
 Operator: ~~Jackie Palacios~~ *Kim Shelar*

Comments:

Number of Copies: 1
 From Page: 1 To Page: 1
 Starting Print Date/Time: 06/14/88 12:20

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
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Revised	06/14/88	11:36	:00	2
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Last Archived	/ /	:	to:	
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DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP	ACTION NO <i>05-070</i>
	ACTION DUE DATE <i>6/13/88</i>
1. TO: (NAME, OFFICE, LOCATION) <i>Randy Armstrong</i>	Initial Date <i>5/23</i>
2.	Initial Date
3. <i>Steve Smallwood</i>	Initial Date
4.	Initial Date

MSB 5-24-88

REMARKS:

Please draft response for John Sheare's signature

RECEIVED

MAY 24 1988

DIVISION OF ENVIRONMENTAL PERMITTING
JSS

RECEIVED

MAY 26 1988

DER - BAQM

INFORMATION

- Review & Return
- Review & File
- Initial & Forward

DISPOSITION

- Review & Respond
- Prepare Response
- For My Signature
- For Your Signature
- Let's Discuss
- Set Up Meeting
- Investigate & Report
- Initial & Forward
- Distribute
- Concurrence
- For Processing
- Initial & Return

FROM:

Jim Lewis

DATE

5/23

PHONE

June 16, 1988

Mr. Richard F. Walker, Jr.
504 North MacArthur Avenue
Panama City, Florida 32401

Dear Mr. Walker:

This is in response to your May 18, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Secretary

DT/ks

*Randy Amundson
craft 208 JS*

NEPHROLOGY ASSOCIATES, P.A.
504 NORTH MACARTHUR AVENUE PHONE 904/769-2158
PANAMA CITY, FLORIDA 32401-3636

RICHARD F. WALKER, JR., M.D.
DIPLOMATE AMERICAN BOARDS OF
INTERNAL MEDICINE AND NEPHROLOGY

RONALD A. SINICROPE, M.D.
DIPLOMATE AMERICAN BOARDS OF
INTERNAL MEDICINE AND NEPHROLOGY

18 May, 1988

Mr. Dale Twachtmann, Secretary
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
MAY 24 1988

RECEIVED

MAY 23 1988

Office of the Secretary

Dear Mr. Twachtmann:

**DIVISION OF
ENVIRONMENTAL PERMITTING**

I would like to express my concern regarding the attempts by Stone Container Corporation to delay compliance with environmental discharge regulations. Apparently, the current permit expires in 1989 and I would be uncompromisingly in favor of requiring Stone Container to comply with the previously ascribed standard.

The quality of air in Panama City should not be continually contaminated by a single business entity. I think it is unconscionable that Stone Container Corporation can pollute the entire Panama City area for the benefit of its shareholders. I feel very strongly that it is our government's obligation to enforce "clean air" environmental regulations when suitable technology exists. This paper mill has had ten years to comply with such regulations and I would request that no delay be granted. I would hope that Stone Container Corporation would meet its obligations to the Panama City community voluntarily, but if not, then I would hope the DER would enforce the appropriate standards.

Sincerely,

RF Walker

Richard F. Walker, Jr., M.D.

RFW/sac

RECEIVED

MAY 26 1988

DER-BAQM

DOCUMENT SUMMARY

Library:
Title: Mr. Richard F. Walker, Jr., Action f05-070
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

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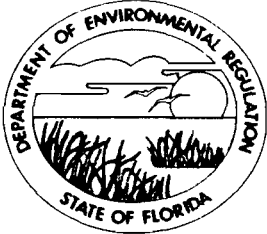
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From Page: 1 To Page: 1
Starting Print Date/Time: 06/15/88 9:44

Notify U999 on System VS85A

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Last Retrieved	/ /	:	from: PLPGMJYP	
Last Archived	/ /	:	to:	
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		Total Keystrokes:	1505	

Clair Faney



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

June 17, 1988

Mr. Jerry W. Gerde
239 East Fourth Street
Panama City, Florida 32401

Dear Mr. Gerde:

This is in response to your May 17, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO
05-056
ACTION DUE DATE
6/1/88

1. TO: (NAME, OFFICE, LOCATION)	Initial
<i>Stew Smallwood 334-e</i>	Date
2.	Initial
<i>Clair Fancy - 306 F</i>	Date <i>6-17-88</i>
3.	Initial
	Date
4.	Initial
	Date

REMARKS:

RECEIVED
JUN 17 1988
DER - BAQM

RECEIVED
MAY 18 1988
DER - BAQM

INFORMATION	
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<input type="checkbox"/>	Review & File
<input type="checkbox"/>	Initial & Forward
<input type="checkbox"/>	
DISPOSITION	
<input type="checkbox"/>	Review & Respond
<input checked="" type="checkbox"/>	Prepare Response
<input checked="" type="checkbox"/>	For My Signature <i>DT</i>
<input type="checkbox"/>	For Your Signature
<input type="checkbox"/>	Let's Discuss
<input type="checkbox"/>	Set Up Meeting
<input type="checkbox"/>	Investigate & Report
<input type="checkbox"/>	Initial & Forward
<input type="checkbox"/>	Distribute
<input type="checkbox"/>	Concurrence
<input type="checkbox"/>	For Processing
<input type="checkbox"/>	Initial & Return

FROM: *Jim Lewis* *Shiley - o/sec.*

DATE *5/18*

PHONE

DOCUMENT SUMMARY

Library: *PLAQMZKS*
 Title: Jerry W. Gerde Action f05-056
 Document ID:
 Author: *11* Clair Fancy
 Operator: ~~Jackie Palacios~~ *Kim Sholar*

Comments:

Number of Copies: 1
 From Page: 0 To Page: 0
 Starting Print Date/Time: 06/14/88 1:54

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
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Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:17	
		Total Keystrokes:	877	

June 16, 1988

Mr. Jerry W. Gerde
239 East Fourth Street
Panama City, Florida 32401

Dear Mr. Gerde:

This is in response to your May 17, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Secretary

DT/ks

JERRY W. GERDE
239 East Fourth Street
Panama City, FL 32401

Steve Smallwood
draft copy DT

May 17, 1988

RECEIVED

MAY 18 1988

Dale Twachtmann, Secretary
Florida Department Of
Environmental Regulation
2600 Blairstone Road
Tallahassee, FL 32399-2400

Office of the Secretary

Dear Mr. Twachtmann:

We understand that the Stone Container paper mill here in Panama City is facing a requirement that it comply with odor control standards not later than 7/1/89, and that your office is responsible for such compliance.

We have every reason to believe that Stone Container is a good corporate citizen, and we therefore probably have no need to be concerned. Nevertheless, because clean and odor-free air here in Panama City is of such vital concern, and because your Panama City office does not have (at least, as yet) an established reputation for fair but firm enforcement of environmental standards, we do ask for an assurance from you that the paper mill here will meet all state and federal air quality standards not later than 7/1/89.

Thank you.

Very truly yours,



Jerry W. Gerde

JWG:kmw

DOCUMENT SUMMARY

Library:
Title: Jerry W. Gerde Action f05-056
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

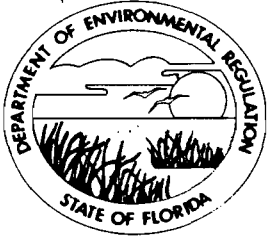
Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/15/88 9:56

Notify U999 on System VS85A

STATISTICS

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Revised	06/14/88	13:56	:10	268
Last Retrieved	/ /	:	from: PLPGMJYP	
Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:27	
		Total Keystrokes:	1145	



Clair Roney

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

June 17, 1988

Mr. Ronald A. Sinicrope
2915 W. 30th Court
Panama City, Florida 32405

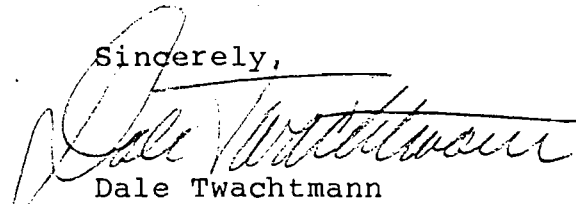
Dear Mr. Sinicrope:

This is in response to your May 4, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO
05-029
ACTION DUE DATE
6-1-88

1. TO: (NAME, OFFICE, LOCATION)	Initial
<i>Julie Stacklyn 529</i>	Date
2. <i>Randy Armstrong</i>	Initial
	Date
3. <i>Bob King</i>	Initial
	Date
4. <i>Clair Lancy -306</i>	Initial
	Date <i>6-17-88</i>

REMARKS:

RECEIVED
MAY 11 1988

DIVISION OF ENVIRONMENTAL PERMITTING

RECEIVED

JUN 17 1988

DER - BAQM

RECEIVED

MAY 16 1988

DER - BAQM

INFORMATION

- Review & Return
- Review & File
- Initial & Forward

DISPOSITION

- Review & Respond
- Prepare Response
- For My Signature *DT*
- For Your Signature
- Let's Discuss
- Set Up Meeting
- Investigate & Report
- Initial & Forward
- Distribute
- Concurrence
- For Processing
- Initial & Return

FROM:

Jim Lewis
Shiley - o/sx.

DATE *5/9*

PHONE

DOCUMENT SUMMARY

CAJ

Library: PLAQMRXS
Title: Mr. Ronald A. Sinicrope Action f05-029
Document ID: 13
Author: Clair Fancy
Operator: Jackie Palacios

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/14/88 1:43

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
Created	05/31/88	13:54	:17	875
Revised	06/14/88	12:15	:06	250
Last Retrieved	/ /	:	from: PLPGMJYP	
Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:44	
		Total Keystrokes:	1316	

June 16, 1988

Mr. Ronald A. Sinicrope
2915 W. 30th Court
Panama City, Florida 32405

Dear Mr. Sinicrope:

This is in response to your May 4, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Secretary

DT/ks

*Randy Armstrongs
draft memo DT*

2915 W. 30th Court
Panama City, FL 32405

May 4, 1988

RECEIVED
MAY 9 1988

Mr. Dale Twachtmann, Secretary
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Office of the Secretary

Dear Mr. Twachtmann:

I would like to express my concern about the efforts of Stone Container Corporation and their attempt to delay coming into compliance with environmental discharges. As you know, the current permit expires July 1, 1989, and the paper mill has been charged with meeting new regulations by this date.

As a business man, property owner, and resident of Panama City, I find it appalling that after this period of time, further delays are being requested. The air in Panama City is frequently noxious and it is disturbing to me that my family and friends do not like to visit this area because of this malodorous problem. I feel quite confident that the businesses in this area also suffer from the effects of this paper mill.

I strongly urge you to enforce the restrictions for environmental pollutants from this company and to not change the compliance date or delay any compliance on the part of Stone Container Corporation.

Yours truly,



Ronald A. Sinicrope, M.D., F.A.C.P.

RAS/pr

RECEIVED
MAY 11 1988
DIVISION OF
ENVIRONMENTAL PERMITTING

DOCUMENT SUMMARY

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Title: Mr. Ronald A. Sinicrope Action f05-029
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

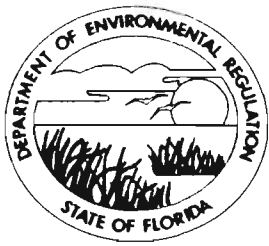
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Number of Copies: 1
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Starting Print Date/Time: 06/15/88 9:48

Notify U999 on System VS85A

STATISTICS

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Revised	06/14/88	13:46	:04	3
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Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:48	
		Total Keystrokes:	1319	



Clair Fanay

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

June 17, 1988

Ms. Audrey Parker
1546 Cincinnati Avenue
Panama City, Florida 32401

Dear Ms. Parker:

This is in response to your May 14, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Dale Twachtmann
Secretary

DT/ks

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

05-052

ACTION DUE DATE

5-30-88

1. TO: (NAME, OFFICE, LOCATION)

Steve Smallwood 338.e

Initial

Date

2.

Cheri Fancy - 306-F

Initial

Date

6-17-88

3.

Initial

Date

4.

Initial

Date

REMARKS:

RECEIVED

MAY 17 1988

DER - BAQM

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature *J.S.*

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

*Jim Lewis
Shirley - o/sec.*

DATE

5/16

PHONE

DOCUMENT SUMMARY

Library: *PLAQMRS*
Title: Ms. Audrey Parker Action f05-052
Document ID: *12*
Author: Clair Fancy
Operator: Jackie Palacios *Kari Sholan*

ctj

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/14/88 2:00

Notify U999 on System VS85A

STATISTICS

OPERATION	DATE	TIME	WORKTIME	KEYSTROKES
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Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:24	
		Total Keystrokes:	936	

June 16, 1988

Ms. Audrey Parker
1546 Cincinnati Avenue
Panama City, Florida 32401

Dear Ms. Parker:

This is in response to your May 14, 1988, letter about the Total Reduced Sulfur (TRS) compliance plan for Stone Container Company's Panama City Plant.

Stone Container submitted permit applications on November 25, 1987, to bring their plant into compliance with the TRS standards pursuant to Chapter 17-2 of the Florida Administrative Code. The application review process is well under way.

Along with all the other kraft pulp mills in the state, the company is expected to be in compliance with the TRS rule within the time frame prescribed by the rule.

Sincerely,

Dale Twachtmann
Secretary

DT/ks

Steve Smallwood
draft copy JS

1546 Cincinnati Ave.
Panama City, Florida 32401
May 14, 1988

Mr. Dale Twachtmann, Secretary
Florida Dept. of Environmental Reg.
2600 Blair Stone Road
Tallahassee, Fl. 32399-2400

RECEIVED
MAY 16 1988

Dear Mr. Twachtmann:

The Panama City paper mill (Stone Container Corporation) continues to be a destroyer of the quality of life in this area. If it is going to meet with the standards required of it by July 1989, it should have shown some effort in this regard as of this date.

Office of the Secretary

This is not the case. Recent visitors have expressed disgust and surprise that the odor would be tolerated.

It could be that the mill is a real dettiment to the attraction of other industry to this area. Employers take very seriously the environment in which their employees must work.

I urge you to do what you can to obtain Stone Container's compliance with odor control standards. Thank you.

Very truly yours,

Audrey Parker
(Audrey Parker)

RECEIVED

MAY 17 1988

DER-BAQM

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
2600 BLAIR STONE ROAD
TWIN TOWERS OFFICE BUILDING
TALLAHASSEE, FLORIDA 32399-2400
300402

Ms. Audrey Parker
1546 Cincinnati Avenue
Panama City, Florida 32401

Protecting Florida and Your Quality of Life

DOCUMENT SUMMARY

Library:
Title: Ms. Audrey Parker Action f05-052
Document ID:
Author: Clair Fancy
Operator: Jackie Palacios

Comments:

Number of Copies: 1
From Page: 1 To Page: 1
Starting Print Date/Time: 06/15/88 10:01

Notify U999 on System VS85A

STATISTICS

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Last Archived	/ /	:	to: PLPGMJYP	
Total Pages:	1	Total Worktime:	:35	
		Total Keystrokes:	1171	



Stone Container Corporation

Containerboard and Paper Division

PM
13 June '88
Panama City, FL
File Copy

Panama City Mill

Post Office Box 2560
Panama City, Florida 32402

RECEIVED

JUN 14 1988

(904) 785-4311

June 10, 1988

DER-BAQM

Mr. Jack Preece
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501-5794

Dear Mr. Preece:

When the Bureau of Air Quality Management reviewed our construction permit application for the NCG system, they noticed a difference in the maximum operating rate requested in the construction permit application and the operating rate in the interim operating permit. The reason for the difference in rates was a misunderstanding about what was required in the interim permit. It was my understanding that the interim rate should be the normal or long term rate so increases in TRS emissions would not occur during the interim period between adoption of the TRS rule and final compliance with the rule. In my discussion with Mike Harley, he said the interim rate should have been the one day maximum obtainable rate which is what I requested in the construction permit application. Mike said this had happened in several instances and that the situation was resolved by getting the district office to amend the interim permit to reflect the maximum rate requested in the construction permit application.

I request that interim operating permit for the Panama City Mill of Stone Container Corporation be amended to reflect a maximum digester pulping rate of 1911 air dry tons of unbleached pulp per day. The interim operating permit number is A003-90958.

Thank you for your consideration in this matter.

Yours very truly,

L. D. Riley, Jr.

L. D. Riley, Jr.
Environmental Superintendent

/cf

cc: Mike Harley - FDER, Tallahassee

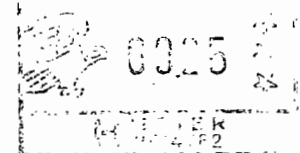
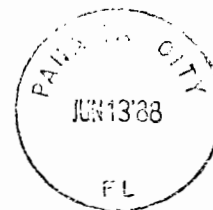
Copied: Mike Harley
Pradeep Raval }
CHF/AT } 6.14.88



Stone Container Corporation

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402



Mr. Mike Harley
Florida Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400



File

TELECOPY MESSAGE

RECEIVED
JUN 10 1988
DEPARTMENT

TO: MR. MIKE HARLEY - BAQM
DEPARTMENT OF ENVIRONMENTAL REGULATION
TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FL 32399-2400

FROM: DAVE RILEY
STONE CONTAINER CORP.
PANAMA CITY, FL

CONFIRMING OUR TELEPHONE CONVERATION TODAY. I MUST HAVE
PERMISSION TO BEGIN PRELIMINARY CONSTRUCTION OF OUR
NCG COLLECTING SYSTEM, OTHERWISE WE WILL NOT BE ABLE TO
COMPLETE THE PROJECT BY THE DATE ESTABLISHED IN THE
TRS RULE.

Dave Riley
DR

CC: MR. C. FANCY }
B THOMAS }
M HARLEY } PR
P RAVAL } 6-10

~~RECEIVED~~
~~JUN 10 1988~~
~~DEPARTMENT~~
RECEIVED

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
 †(Extra charge)† †(Extra charge)†

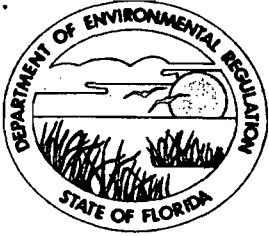
3. Article Addressed to: Mr. J.F. Stewart General Manager Stone Container Corporation 1 Everitt Avenue P.O. Box 2560 Panama City, FL 32401	4. Article Number P 702 175 496
5. Signature - Addressee <input checked="" type="checkbox"/>	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and DATE DELIVERED.
6. Signature - Agent <input checked="" type="checkbox"/>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 6-6-88	

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT

P 702 175 496
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent To: Stewart, Gen. Mgr.	
Stone Container Corporation	
Street and No. P.O. Box 2560	
P.O., State and ZIP Code Panama City, FL 32401	
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: 06/03/88 Permits: AC 03-142979, -149716, -717, -718, -719	

PS Form 3800, June 1985



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

June 3, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. J. F. Stewart
General Manager
Stone Container Corporation
1 Everitt Avenue
P.O. Box 2560
Panama City, Florida 32401

Dear Mr. Stewart:

Re: Completeness Review for Applications to Construct NCG System Involving the Digester System, MEE Sets, and Lime Kiln.

The Department received the above referenced application packages on May 5, 1988. Based on a review of the material submitted, the applications are deemed incomplete. Therefore, submit the following information to the DER's Bureau of Air Quality Management (BAQM) office, including all assumptions, calculations and copies of reference material.

1. Please submit an additional \$500 for the processing of your application (\$1000 has been received).
2. What is the correct latitude and longitude?
3. Please explain the apparent proposed increase in operation rate of the digester system. What is the proposed maximum operation rate of the digester system in tons per hour of air dry unbleached pulp? Please furnish separately the maximum pounds/hour inputs of black liquor, white liquor, wood chips (air dry basis); and pounds/hour output of turpentine.
4. Please explain the current process flow, layout and proposed modifications pertaining to the hot water accumulators.
5. Please describe the criteria for relief settings on pressure release valves and rupture discs and the expected frequency of ventings in the NCG system. Will there be any regular or cyclical venting at any point in the NCG system when the

Mr. J. F. Stewart
Page Two
June 3, 1988

batch digesters and multiple effect evaporators are all operated at the maximum possible rates? Please explain your answer.

6. Does this project include any increases in the maximum operation rates of the multiple effect evaporators above those allowed by any applicable operation permits? Please explain your answer. What is the maximum operation rate of each of the 3 multiple effect evaporator sets in pounds of dry black liquor solids per hour and what is the solids content of the black liquor exiting each of the 3 multiple effect evaporator sets?
7. Please explain the apparent proposed increase in the operation rate of the lime kiln and its associated causticizing system. Please submit copies of any construction permits previously issued for this source. Please verify the proposed output of the lime kiln (in lbs/hour CaO) based on your proposed input of CaCO_3 .
8. Will the apparent increase in the operation rate of the lime kiln be accompanied by an increase in fuel input rates? Please explain and quantify the changes.
9. Please provide the calculations for the estimated uncontrolled emissions from the batch digester system (blow and relief) and the multiple effect evaporator system. Also, furnish the estimated parameters for the gases (ACFM, DSCFM, Temp., % H_2O , Vel.) that the batch digester system and each multiple effect evaporator set will emit to the NCG handling system. For all pollutants listed in Table 500-2, please provide calculations for the estimated controlled mass emissions from the lime kiln before and after completion of the proposed project. Provide the estimated oxygen content of the flue gases to be emitted by the lime kiln. Emissions are to be expressed in pounds/hour and tons/year.
10. Will NCGs be incinerated in the power boiler only when the lime kiln is out-of-service? Please fully explain the circumstances where you propose to incinerate NCGs in the power boiler. Please provide us with a construction permit application and appropriate fees for the power boiler that is to be changed so that the NCGs may be incinerated.

Mr. J. F. Stewart
Page Three
June 3, 1988

11. Do you now have or propose to install, as part of this project, a condensate stripper system?

If there are any questions, please call Bill Thomas, Mike Harley or Pradeep Raval, at (904)488-1344 or write to me at the above address.

Sincerely,



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

CHF/plm

cc: E. Middleswart, NW District
B. Pittman, Esq.
D. Riley, Stone Container Corp.
C. Fontaine, P.E.

P. Raval } 6-3-88 ARN
M. Harley }



Stone Container Corporation

PM
4 May 1988
Panama City, FL

file copy

Panama City Mill

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

(904) 785-4311

April 20, 1988

RECEIVED

MAY 05 1988

DER - BAQM

Mr. Clair Fancy
Florida Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

Enclosed are four copies of construction permit applications for the collection of noncondensable gasses from the digester system and multiple effect evaporators at the Panama City Mill of Stone Container Corporation. These gasses will be incinerated in the lime kiln. A power boiler will be equipped for use as an alternate incineration device.

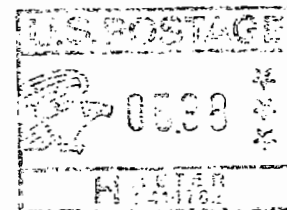
Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDR, Jr.:cf

Enclosures

cc: Robert V. Kriegel
J. B. Prescott
J. F. Stewart
L. C. Smith



CERTIFIED

P 798 525 557

MAIL



**Stone
Container
Corporation**

Containerboard and
Paper Division

Post Office Box 2560
Panama City, Florida 32402

Mr. Clair Fancy
Florida Dept. of Environmental
Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Receipt # 117504
\$100.00
AC03-149716
AC03-149717
03-149718

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



RECEIVED

MAY 05 1988

BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

DER-BAQM

SOURCE TYPE: _____ [] New¹ [X] Existing
APPLICATION TYPE: [X] Construction [] Operation [] Modification
COMPANY NAME: Stone Container Corporation COUNTY: Bay
Identify the specific emission point source(s) addressed in this application (i.e. Lime
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Multiple Effect
Evaporators (3 Sets)
SOURCE LOCATION: Street #1 Everett Ave. City Panama City
UTM: East _____ North _____
Latitude 30° 08' 31"N Longitude 85° 37' 16"W
APPLICANT NAME AND TITLE: Stone Container Corporation - Panama City Mill
APPLICANT ADDRESS: P. O. Box 2560, Panama City, FL 32402

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Stone Container Corp.

I certify that the statements made in this application for a Construction Permit 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: L. D. Riley, Jr.
L. D. Riley, Jr., Environmental Superintendent
Name and Title (Please Type)

Date: 4/27/88 Telephone No. (904)785-4311

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

¹ 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 *Charles T. Fontaine*

Charles T. Fontaine
Name (Please Type)

Stone Container Corporation
Company Name (Please Type)

P. O. Box 2560, Panama City, FL 32402
Mailing Address (Please Type)

Florida Registration No. 34823 Date: 4/27/88 Telephone No. _____

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 includes the necessary piping, pumps, and control instrumentation
to collect and incinerate the noncondensable gasses from 3 sets of multiple
effect evaporators. (See Enclosed Project Description)

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

Start of Construction Upon receipt permit Completion of Construction March 1, 1989

- 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.)

\$5,000,000 for total NCG system which includes digester system, multiple effect
evaporators, and lime kiln

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

Permit No. A003-115671 issued April 28, 1986 and expires April 1, 1991

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

F. If this is a new source or major modification, answer the following questions.
(Yes or No) Not Applicable

1. Is this source in a non-attainment area for a particular pollutant? _____
 - 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. _____
3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. _____
4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? _____
5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? _____

H. Do "Reasonably Available Control Technology" (RACT) requirements apply
to this source? Not Applicable _____

- 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:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Kraft Black Liquor	None		280,195	(a) (b) (c)
Solids				

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

- Total Process Input Rate (lbs/hr): 280,195 Black Liquor Solids
- Product Weight (lbs/hr): 280,195 Black Liquor Solids

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

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
TRS #1A Set	Not Applicable			N/A	348,758*	174*	N/A
TRS #2 Set	Not Applicable			N/A	(Total 3 Sets)		N/A
TRS #3 Set	Not Applicable			N/A			N/A
	*Estimated Using EPA TRS Guideline Document						

¹See Section V, Item 2.

²Reference 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)

³Calculated from operating rate and applicable standard.

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

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

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

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 _____ 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.

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

Stack Height: See Lime Kiln Permit Application ft. Stack Diameter: _____ ft.

Gas Flow Rate: _____ ACFM _____ DSCFM Gas Exit Temperature: _____ °F.

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION Not Applicable

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) 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.):

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

SECTION V: SUPPLEMENTAL REQUIREMENTS

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

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

Contaminant	Rate or Concentration

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

Contaminant

Rate or Concentration

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 Costs: |

*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:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

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:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy 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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
 - a. (1) Company:
 - (2) Mailing Address:
 - (3) City:
 - (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant 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

A. Company Monitored Data Not Applicable

1. _____ no. sites _____ TSP _____ () SO₂* _____ 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 ²	_____	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.

STONE CONTAINER CORPORATION
PANAMA CITY MILL

Introduction

Stone Container Corporation at the Panama city Mill location will engineer, procure, install, and start-up operationally the following systems.

- A. A non-condensable gas collection and incineration system
- B. A digester (s) blow heat recovery system
- C. A turpentine recovery system

Basic Process Description:

1. Collection of blow gases from the existing blow tank and all other required sources.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.
9. Incineration of malodorous gases in the lime kiln or power boiler through special injection nozzles

Basic Process Description Cont'd

10. Collection of turpenes, condensation, decantation, and storage of turpentine.
11. Under process upset conditions cooling of discharge water by means on an evaporative cooling tower.

Non Condensable Gas Collection and Incineration System

System Description:

This system shall be designed for the safe and reliable collection, transfer and final incineration of the non-condensable gases from the various sources on a continuous basis.

The above system performs the following functions.

1. Collection of high concentration NCG from five (5) sources:
 - Source A - No. 2 Evaporator Hotwell
 - Source B - No. 1A Evaporator Hotwell and Ejectors
 - Source C - Blow Heat Recovery System
 - Source D - Turpentine Recovery System
 - Source E - No. 3 Evaporator Hotwell
2. Transfer of the NCG to the kiln and boiler and separation of entrained liquid droplets prior to incineration.
3. Incineration of the NCG in the kiln with the boiler incineration as a back-up, through new injection nozzles.

Digesters Blow Heat Recovery System

System Description

The proposed Blow Heat Recovery system preliminary layout is shown on drawing No. AS-875015-P26.

The blow steam vapor is discharged from the top of each blow tank and travels through two fiber separators which remove fibers entrained in the large volume of blow steam, along with any liquor. Blow steam discharges out of the separator tops and enters a common primary condenser. Water from the bottom of the accumulator tank is pumped to the primary condenser for condensing the steam.

The accumulator tank provides a reservoir for cold water, making it available throughout the blow for condensing the steam. The accumulator tank then stores the hot water for continuous heat removal.

The hot water is continuously removed from the top of the accumulator tank with a transfer pump. After heat removal in two two shell heat exchangers, cooled water is returned to the bottom of the accumulator tank and is available for the next blow demand. Treated water from the existing line between the pulp mill and bleach plant is used as cooling water for one heat exchanger and secondary condenser while raw water is used on a second unit.

Treated water from the two shell heat exchanger and secondary condenser will be collected in a new hot treated water tank erected on an existing foundation. Cooling water from the turpentine condenser would also flow to this tank. Water would be pumped from the tank to bleach plant uses through the existing lines. Excess water during bleach plant downtimes would flow to the cooling tower.

Raw water is heated in a second set of heat exchangers and is sent to the existing fresh water accumulator for storage. This water is used for brown stock washing and in the caustic plant.

Turpentine Recovery System

System Description

Combined flow of relief gases from the entrainment separators are condensed in the turpentine condenser. Condensate from the condenser is then decanted to separate the turpentine; and noncondensable gases are sent to the NCG system. The turpentine separated in the decanter overflows to the existing collection system and is pumped directly to Arizona Chemical. Decanter underflow is discharged to an effluent treatment system.

SCOPE OF WORK

PROJECT TITLE

Non condensible gas collection and incineration system.

PROJECT REFERENCE NUMBER

AR 87-32.

PROJECT LOCATION

Stone Container Corp.
Panama City Mill
One Everitt Avenue
Panama City, FL 32402

REFERENCE

- 1.) A.H. Lundberg Associates, Inc.
Proposal No. 875015 Revision 03.
- 2.) A.H. Lundberg Letter Dated:
August 5, 1987 to Stone Container Corp.

PROJECT MANAGER

R.E. Harrow, PE.
Stone Container Corp.
Panama City Mill

INTRODUCTION

A.H. Lundberg Associates Inc. shall supply to Stone Container Corp. at the Panama City Mill:

- 1.) A blow heat vapor condensing system to collect malodorous gases.
- 2.) A turpentine recovery system to collect and concentrate gases from digester relief.
- 3.) The collection and incineration system for the above gases and gases collected from the existing three (3) sets of evaporators and vent systems.

DESIGN DATA

Number of digesters. 22
Number of simultaneous blows - 4

The design of the system(s) shall be mindful that future change to a continous (Kamyr type) digester shall be readily adaptable to the system(s).

It is a requirement that the project will be the supply of a complete plant as defined including:

Engineering
Site preparation
Turn key supply of equipment and materials
Installation and installation supervision
Systems check out
Start up
Compliance checking assistance.

SYSTEMS FUNCTION

The systems described shall perform the following functions:

1. Collection of blow gases from the existing blow tanks.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach plant and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.

EQUIPMENT FOR NCG AND BHR SYSTEMS

A.H. Lundberg & Associates shall supply and erect the following equipment:

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Cyclone Separator for No. 2 and 3 Digester Blow Tanks and support structures
3	One (1) only	Cyclone Separator for No. 1, 4 and 5 Digester Blow Tanks and support structures

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
4	One (1) only	Primary Condenser
5	One (1) only	Accumulator Tank (foundation by others)
6	One (1) only	Secondary Condenser
7	One (1) only	Two-Shell Heat Exchanger and support structures - treated water
8	One (1) only	Two-Shell Heat Exchanger and support structures - raw water
9	One (1) only	Heat Exchanger Condensate Pump
10	One (1) only	Primary Condenser Recirculation Pump
11	Eight (8) only	Pressure-Vacuum Relief Valves
12	One (1) lot	System Instrumentation
13	One (1) lot	Platforms, Ladders, Access Structures for access to accumulator top and heat exchangers
14	One (1) only	Hot Treated Water Pump
15	One (1) only	Brown Stock Water Trim Heater
16	One (1) only	Hot Water Collection Tank 20'x20'

SYSTEMS ENGINEERING

A. H. Lundberg Associates Inc. shall supply the following engineering data, drawings and other documents:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

TURPENTINE COLLECTION SYSTEM

EQUIPMENT

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Lundberg Associates Turpentine Condenser and support
3	One (1) only	Decanter Weir Box
4	One (1) only	Turpentine Decanter
5	One (1) only	Pressure-Vacuum Relief Valve
6	One (1) only	Condenser Tempering Pump
7	One (1) lot	System Instrumentation

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical drawings
- p. Microfilming (aperture cards) of all drawings

COLLECTION AND INCINERATION
OF NCG GASES

PROPOSED SUPPLY

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Steam Ejector
3	Seven (7) only	Flame Arresters
4	Eleven (11) only	Rupture Discs
5	Two (2) only	Entrainment Separators
6	Two (2) only	NCG Injection Nozzles
7	One (1) only	Injection Nozzle Cooling Air Fan
8	One (1) lot	System Instrumentation
9	One (1) lot	Electrical

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

MATERIALS SUPPLY

Proposal Ref..... E. INSULATION

Supplied and installed by A.H. Lundberg Associates LTD as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... F. PIPING

Supplied and installed by A.H. Lundberg Associates LTD. as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... G. INSTRUMENTATION AND ELECTRICAL

Supplied and installed by A.H. Lundberg Associated LTD. as defined in the proposal P 87015 Rev. 03.

WORK BY OTHERS

Work by others and other clarifications in accordance with the formentioned proposal.

STONE CONTAINER CORPORATION
Panama City Mill

I. Maximum Production Rates

A. Digester System

1. 1720 bone dry tons per day or 1911 air dry tons per day. This rate is based on 215 digester blows at 8 tons of bone dry pulp produced per digester blow.

B. Multiple Effect Evaporators

1. No. 1A Set - 2500 gallons per minute At 11.5% Solids
2. No. 2 Set - 800 gallons per minute At 11.5% Solids
3. No. 3 Set - 1400 gallons per minute At 11.5% Solids

C. Lime Kiln

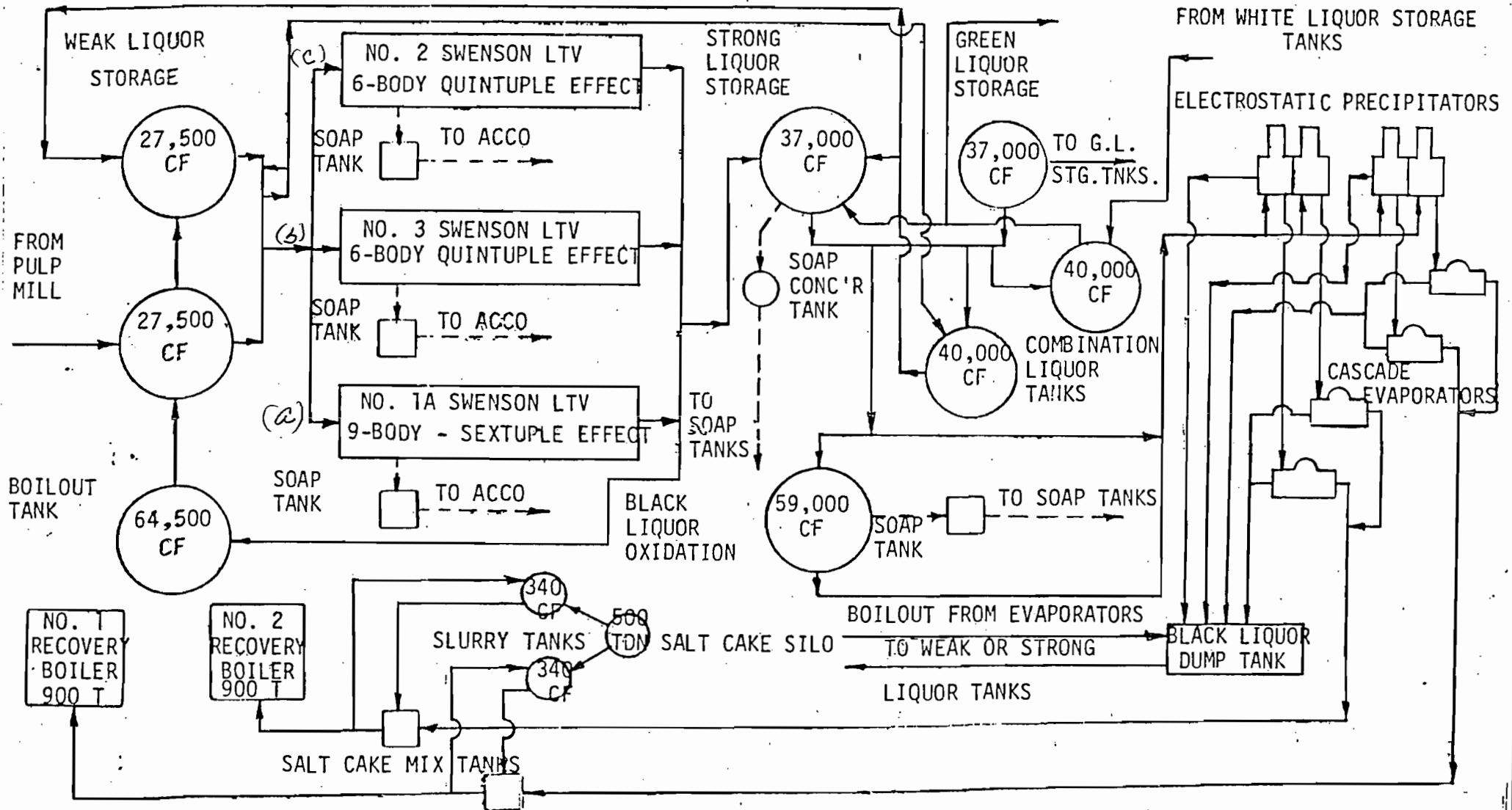
1. Process Input Rate - 42.5 tons lime mud per hour

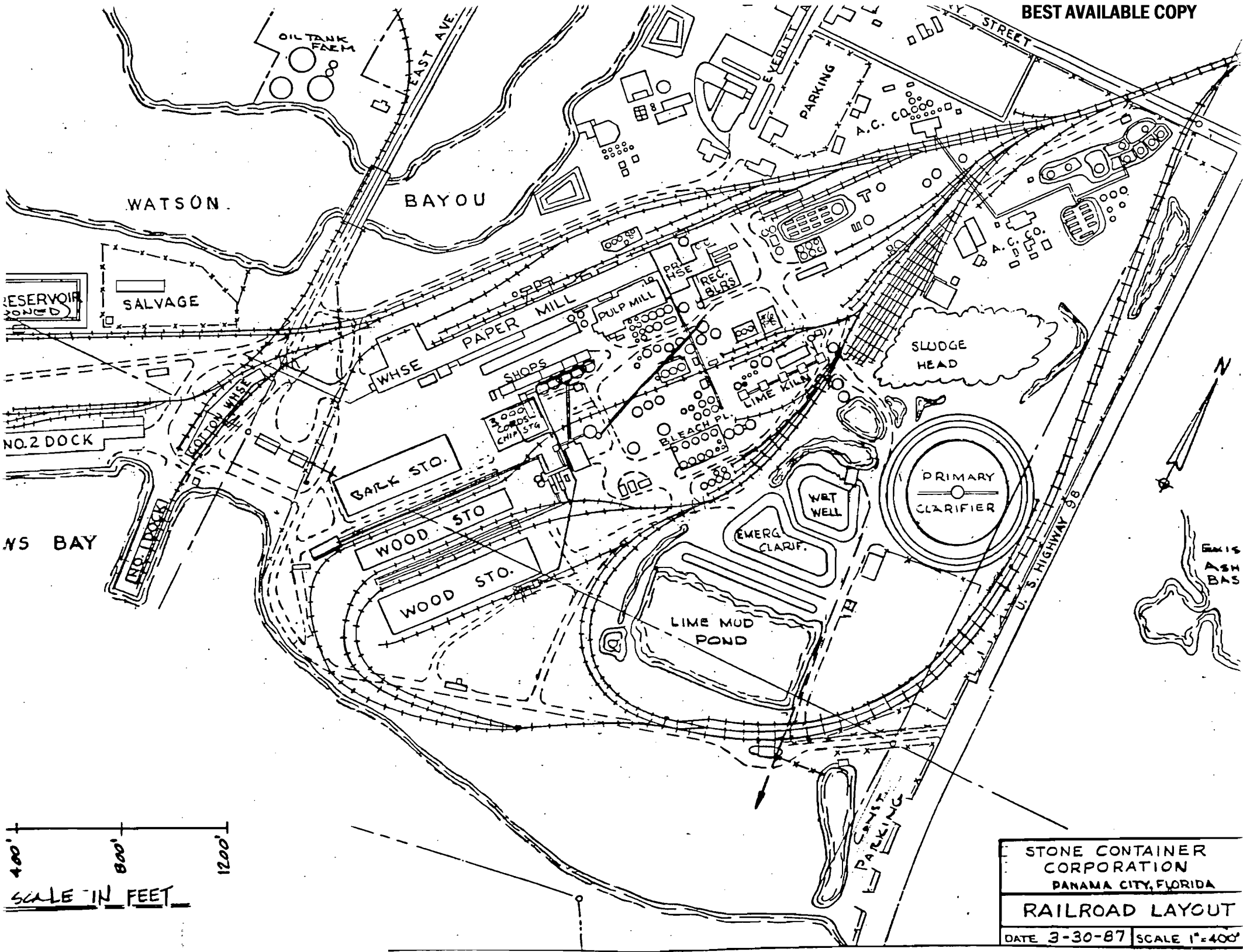
The digester system and evaporator rates are given for informational purposes only and are not intended to be included as operating permit conditions. The process rate for the lime kiln is the permitted operating rate.

II. Emissions Rates

The TRS emissions from the digester system and the multiple effect evaporators will be zero since the gasses are collected and incinerated. Maximum TRS emissions from the lime kiln will be 20 ppm which is the limiting standard for existing kilns.

Proof of compliance with TRS emission limiting standards for existing lime kilns will be accomplished with a continuous TRS monitor.

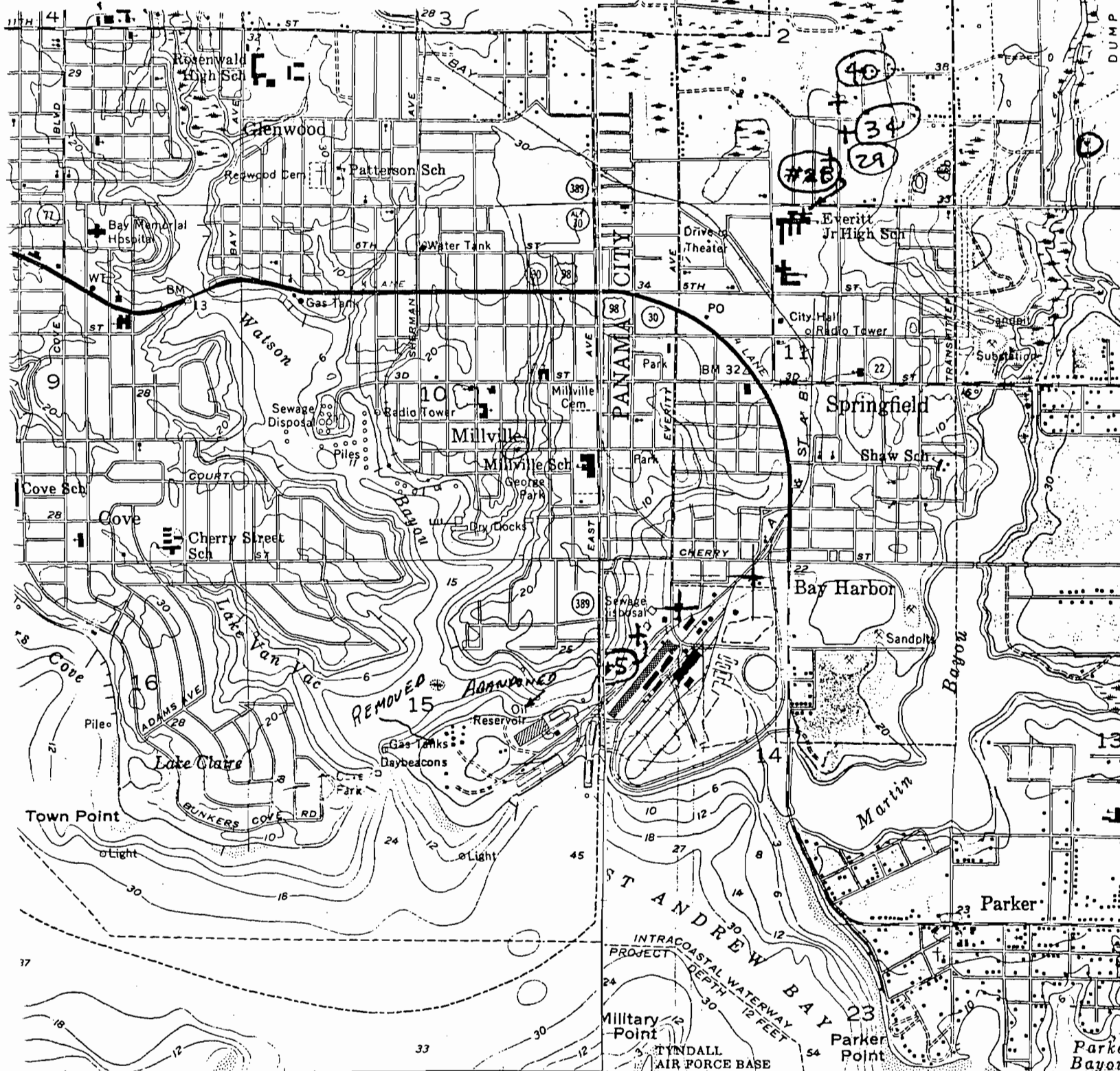




400' 800' 1200'
 SCALE IN FEET

STONE CONTAINER CORPORATION
 PANAMA CITY, FLORIDA
 RAILROAD LAYOUT
 DATE 3-30-87 SCALE 1"=400'

BEST AVAILABLE COPY



INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1957—NS 632000m. E. 1

85°33'0"

1 650 000 FEET

R. 14 W.

ROAD CLASSIFICATION

- | | | | |
|-------------|-------|-----------------|-------|
| Heavy-duty | ————— | Light-duty | ————— |
| Medium-duty | ————— | Unimproved dirt | ----- |
| U. S. Route | | State Route | |

apped, edited, and published by the Geological Survey
ontrol by USGS and USC&GS

ography by planetable surveys 1943-1944
lture and drainage revised from aerial photographs
en 1954-1955. Field check 1956
rography compiled from USC&GS charts 868 (1953)
'869 (1955)

conic projection. 1927 North American datum
000-foot grid based on Florida coordinate system, north zone
0-meter Universal Transverse Mercator grid ticks,
e16, shown in blue

l tint indicates area in which only
lmark buildings are shown

PANAMA CITY, FLA.
N3007.5—W8537.5/7.5

1956

Receipt #117504
\$100.00

03-149719

RECEIVED

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



MAY 05 1988

BOB MARTINEZ
GOVERNOR

DER-BAQM

DALE TWACHTMANN
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: _____ [] New¹ [X] Existing

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

COMPANY NAME: Stone Container Corporation COUNTY: Bay

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

SOURCE LOCATION: Street #1 Everett Avenue City Panama City Hill

UTM: East _____ North _____

Latitude 30° 08' 31"N Longitude 85° 37' 16"W

APPLICANT NAME AND TITLE: Stone Container Corporation - Panama City Hill

APPLICANT ADDRESS: P. O. Box 2580 - Panama City, FL 32402

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Stone Container Corp.

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: L. D. Riley, Jr.

L. D. Riley, Jr. - Environmental Superintendent
Name and Title (Please Type)

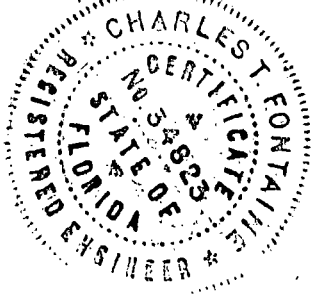
Date: 4/27/88 Telephone No. (904) 785-4311

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

¹ 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 Charles T. Fontaine

Charles T. Fontaine
Name (Please Type)

Stone Container Corporation
Company Name (Please Type)

P. O. Box 2560, Panama City, Fl 32402
Mailing Address (Please Type)

Florida Registration No. 34823 Date: 4/27/88 Telephone No. _____

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.

Prepare Kiln for accepting noncondensable gasses for incineration, installing continuous TRS monitors, and necessary control instrumentation.

(See Enclosed Project Description)

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

Start of Construction Upon receipt permit Completion of Construction March 1, 1989

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.)

\$5,000,000 for total NCG system which includes digester system, multiple effect evaporators and lime kiln

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

Permit No. A003-141,023 issued 3/21/88 and expires 3/1/93.

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

F. If this is a new source or major modification, answer the following questions.
(Yes or No) Not Applicable

1. Is this source in a non-attainment area for a particular pollutant? _____
 - 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. _____
3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. _____
4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? _____
5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? _____

- H. Do "Reasonably Available Control Technology" (RACT) requirements apply
to this source? Not Applicable _____
- 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:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Lime Mud as CaCO_3	Grit	2%(Estimated)	85,000	(a)

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

- Total Process Input Rate (lbs/hr): 85,000
- Product Weight (lbs/hr): 36,700

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

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Particulate	27.1	112.7	29.83	29.83	2,636,760**	1318**	(d)
TRS	4.6***	20.1	20 PPM	4.6	279,006*	139*	(d)
	*Estimated from EPA TRS guideline Document for Uncontrolled Source						
	***Estimated Using Emission Limit & Operating Rate						

¹See Section V, Item 2.

²Reference 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)

³Calculated from operating rate and applicable standard.

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

**Estimated Using Scrubber Efficiency of 91%.

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Chemico Venturi Scrubber	Particulate	91%	Not Applicable	

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Natural Gas	2.35 MCF	58.0 MCF	64.33
Bunker "C" Oil	15.6 BBLS	72,2 BBLS	108.36

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

Fuel Analysis:

Percent Sulfur: 2.04% 1987 Avg. Percent Ash: _____
 Density: 8.2 lbs/gal Typical Percent Nitrogen: Unknown
 Heat Capacity: 18293 BTU/lb 150,000 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.

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

Stack Height: 60 ft. Stack Diameter: 6.67 ft.
 Gas Flow Rate: ACFM 44720 DSCFM Gas Exit Temperature: 163 °F.
 Water Vapor Content: 34 % Velocity: 41 FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

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) 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.):

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

SECTION V: SUPPLEMENTAL REQUIREMENTS

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

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 Costs: |

*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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy 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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
 - a. (1) Company:
 - (2) Mailing Address:
 - (3) City:
 - (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- (5) Environmental Manager:
- (6) Telephone No.:
- (7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant 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

A. Company Monitored Data Not Applicable

1. _____ no. sites _____ TSP _____ () SO₂* _____ 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 ²	_____ 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.

STONE CONTAINER CORPORATION
PANAMA CITY MILL

Introduction

Stone Container Corporation at the Panama city Mill location will engineer, procure, install, and start-up operationally the following systems.

- A. A non-condensable gas collection and incineration system
- B. A digester (s) blow heat recovery system
- C. A turpentine recovery system

Basic Process Description:

1. Collection of blow gases from the existing blow tank and all other required sources.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.
9. Incineration of malodorous gases in the lime kiln or power boiler through special injection nozzles

Basic Process Description Cont'd

10. Collection of turpenes, condensation, decantation, and storage of turpentine.
11. Under process upset conditions cooling of discharge water by means on an evaporative cooling tower.

Non Condensable Gas Collection and Incineration System

System Description:

This system shall be designed for the safe and reliable collection, transfer and final incineration of the non-condensable gases from the various sources on a continuous basis.

The above system performs the following functions.

1. Collection of high concentration NCG from five (5) sources:
 - Source A - No. 2 Evaporator Hotwell
 - Source B - No. 1A Evaporator Hotwell and Ejectors
 - Source C - Blow Heat Recovery System
 - Source D - Turpentine Recovery System
 - Source E - No. 3 Evaporator Hotwell
2. Transfer of the NCG to the kiln and boiler and separation of entrained liquid droplets prior to incineration.
3. Incineration of the NCG in the kiln with the boiler incineration as a back-up, through new injection nozzles.

Digesters Blow Heat Recovery System

System Description

The proposed Blow Heat Recovery system preliminary layout is shown on drawing No. AS-875015-P26.

The blow steam vapor is discharged from the top of each blow tank and travels through two fiber separators which remove fibers entrained in the large volume of blow steam, along with any liquor. Blow steam discharges out of the separator tops and enters a common primary condenser. Water from the bottom of the accumulator tank is pumped to the primary condenser for condensing the steam.

The accumulator tank provides a reservoir for cold water, making it available throughout the blow for condensing the steam. The accumulator tank then stores the hot water for continuous heat removal.

The hot water is continuously removed from the top of the accumulator tank with a transfer pump. After heat removal in two shell heat exchangers, cooled water is returned to the bottom of the accumulator tank and is available for the next blow demand. Treated water from the existing line between the pulp mill and bleach plant is used as cooling water for one heat exchanger and secondary condenser while raw water is used on a second unit.

Treated water from the two shell heat exchanger and secondary condenser will be collected in a new hot treated water tank erected on an existing foundation. Cooling water from the turpentine condenser would also flow to this tank. Water would be pumped from the tank to bleach plant uses through the existing lines. Excess water during bleach plant downtimes would flow to the cooling tower.

Raw water is heated in a second set of heat exchangers and is sent to the existing fresh water accumulator for storage. This water is used for brown stock washing and in the caustic plant.

Turpentine Recovery System

System Description

Combined flow of relief gases from the entrainment separators are condensed in the turpentine condenser. Condensate from the condenser is then decanted to separate the turpentine; and noncondensable gases are sent to the NCG system. The turpentine separated in the decanter overflows to the existing collection system and is pumped directly to Arizona Chemical. Decanter underflow is discharged to an effluent treatment system.

SCOPE OF WORK

PROJECT TITLE

Non condensible gas collection and incineration system.

PROJECT REFERENCE NUMBER

AR 87-32.

PROJECT LOCATION

Stone Container Corp.
Panama City Mill
One Everitt Avenue
Panama City, FL 32402

REFERENCE

- 1.) A.H. Lundberg Associates, Inc.
Proposal No. 875015 Revision 03.
- 2.) A.H. Lundberg Letter Dated:
August 5, 1987 to Stone Container Corp.

PROJECT MANAGER

R.E. Harrow, PE.
Stone Container Corp.
Panama City Mill

INTRODUCTION

A.H. Lundberg Associates Inc. shall supply to Stone Container Corp. at the Panama City Mill:

- 1.) A blow heat vapor condensing system to collect malodorous gases.
- 2.) A turpentine recovery system to collect and concentrate gases from digester relief.
- 3.) The collection and incineration system for the above gases and gases collected from the existing three (3) sets of evaporators and vent systems.

DESIGN DATA

Number of digesters. 22
Number of simultaneous blows - 4

The design of the system(s) shall be mindful that future change to a continous (Kamyr type) digester shall be readily adaptable to the system(s).

It is a requirement that the project will be the supply of a complete plant as defined including:

Engineering
Site preparation
Turn key supply of equipment and materials
Installation and installation supervision
Systems check out
Start up
Compliance checking assistance.

SYSTEMS FUNCTION

The systems described shall perform the following functions:

1. Collection of blow gases from the existing blow tanks.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach plant and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.

EQUIPMENT FOR NCG AND BHR SYSTEMS

A.H. Lundberg & Associates shall supply and erect the following equipment:

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Cyclone Separator for No. 2 and 3 Digester Blow Tanks and support structures
3	One (1) only	Cyclone Separator for No. 1, 4 and 5 Digester Blow Tanks and support structures

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
4	One (1) only	Primary Condenser
5	One (1) only	Accumulator Tank (foundation by others)
6	One (1) only	Secondary Condenser
7	One (1) only	Two-Shell Heat Exchanger and support structures - treated water
8	One (1) only	Two-Shell Heat Exchanger and support structures - raw water
9	One (1) only	Heat Exchanger Condensate Pump
10	One (1) only	Primary Condenser Recirculation Pump
11	Eight (8) only	Pressure-Vacuum Relief Valves
12	One (1) lot	System Instrumentation
13	One (1) lot	Platforms, Ladders, Access Structures for access to accumulator top and heat exchangers
14	One (1) only	Hot Treated Water Pump
15	One (1) only	Brown Stock Water Trim Heater
16	One (1) only	Hot Water Collection Tank 20'x20'

SYSTEMS ENGINEERING

A. H. Lundberg Associates Inc. shall supply the following engineering data, drawings and other documents:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

TURPENTINE COLLECTION SYSTEM

EQUIPMENT

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Lundberg Associates Turpentine Condenser and support
3	One (1) only	Decanter Weir Box
4	One (1) only	Turpentine Decanter
5	One (1) only	Pressure-Vacuum Relief Valve
6	One (1) only	Condenser Tempering Pump
7	One (1) lot	System Instrumentation

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical drawings
- p. Microfilming (aperture cards) of all drawings

COLLECTION AND INCINERATION
OF NCG GASES

PROPOSED SUPPLY

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Steam Ejector
3	Seven (7) only	Flame Arresters
4	Eleven (11) only	Rupture Discs
5	Two (2) only	Entrainment Separators
6	Two (2) only	NCG Injection Nozzles
7	One (1) only	Injection Nozzle Cooling Air Fan
8	One (1) lot	System Instrumentation
9	One (1) lot	Electrical

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

MATERIALS SUPPLY

Proposal Ref..... E. INSULATION

Supplied and installed by A.H. Lundberg Associates LTD as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... F. PIPING

Supplied and installed by A.H. Lundberg Associates LTD. as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... G. INSTRUMENTATION AND ELECTRICAL

Supplied and installed by A.H. Lundberg Associated LTD. as defined in the proposal P 87015 Rev. 03.

WORK BY OTHERS

Work by others and other clarifications in accordance with the formentioned proposal.

STONE CONTAINER CORPORATION
Panama City Mill

I. Maximum Production Rates

A. Digester System

1. 1720 bone dry tons per day or 1911 air dry tons per day. This rate is based on 215 digester blows at 8 tons of bone dry pulp produced per digester blow.

B. Multiple Effect Evaporators

1. No. 1A Set - 2500 gallons per minute At 11.5% Solids
2. No. 2 Set - 800 gallons per minute At 11.5% Solids
3. No. 3 Set - 1400 gallons per minute At 11.5% Solids

C. Lime Kiln

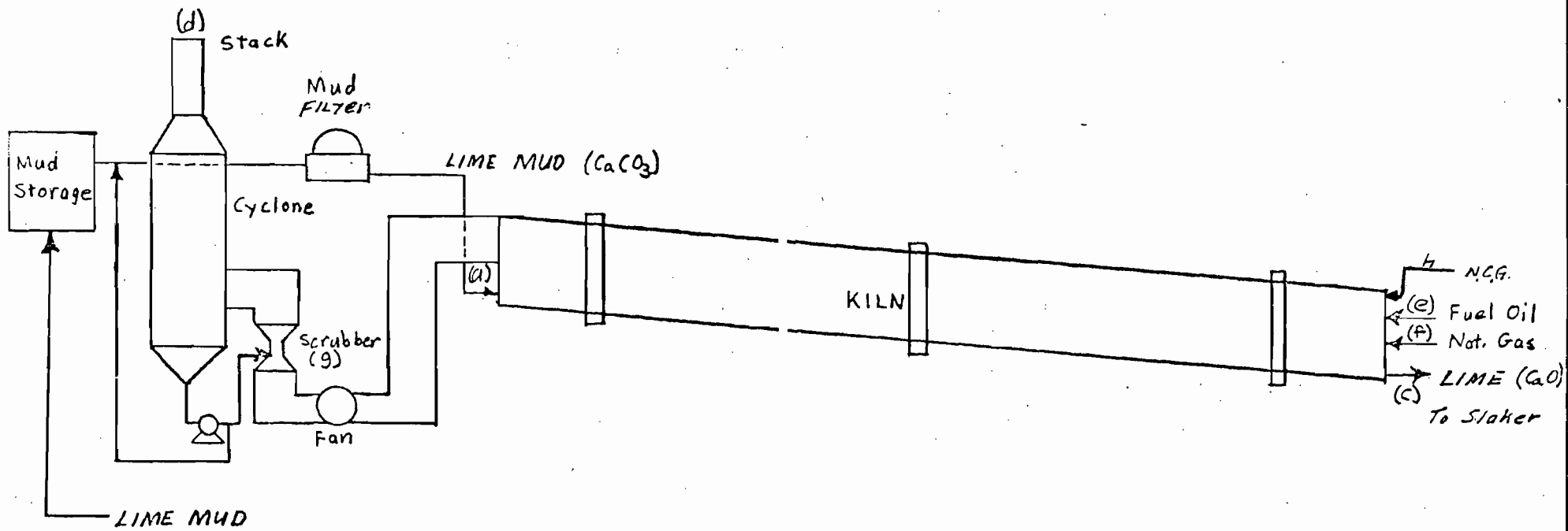
1. Process Input Rate - 42.5 tons lime mud per hour

The digester system and evaporator rates are given for informational purposes only and are not intended to be included as operating permit conditions. The process rate for the lime kiln is the permitted operating rate.

II. Emissions Rates

The TRS emissions from the digester system and the multiple effect evaporators will be zero since the gasses are collected and incinerated. Maximum TRS emissions from the lime kiln will be 20 ppm which is the limiting standard for existing kilns.

Proof of compliance with TRS emission limiting standards for existing lime kilns will be accomplished with a continuous TRS monitor.



TITLE
LIME KILN SCHEMATIC

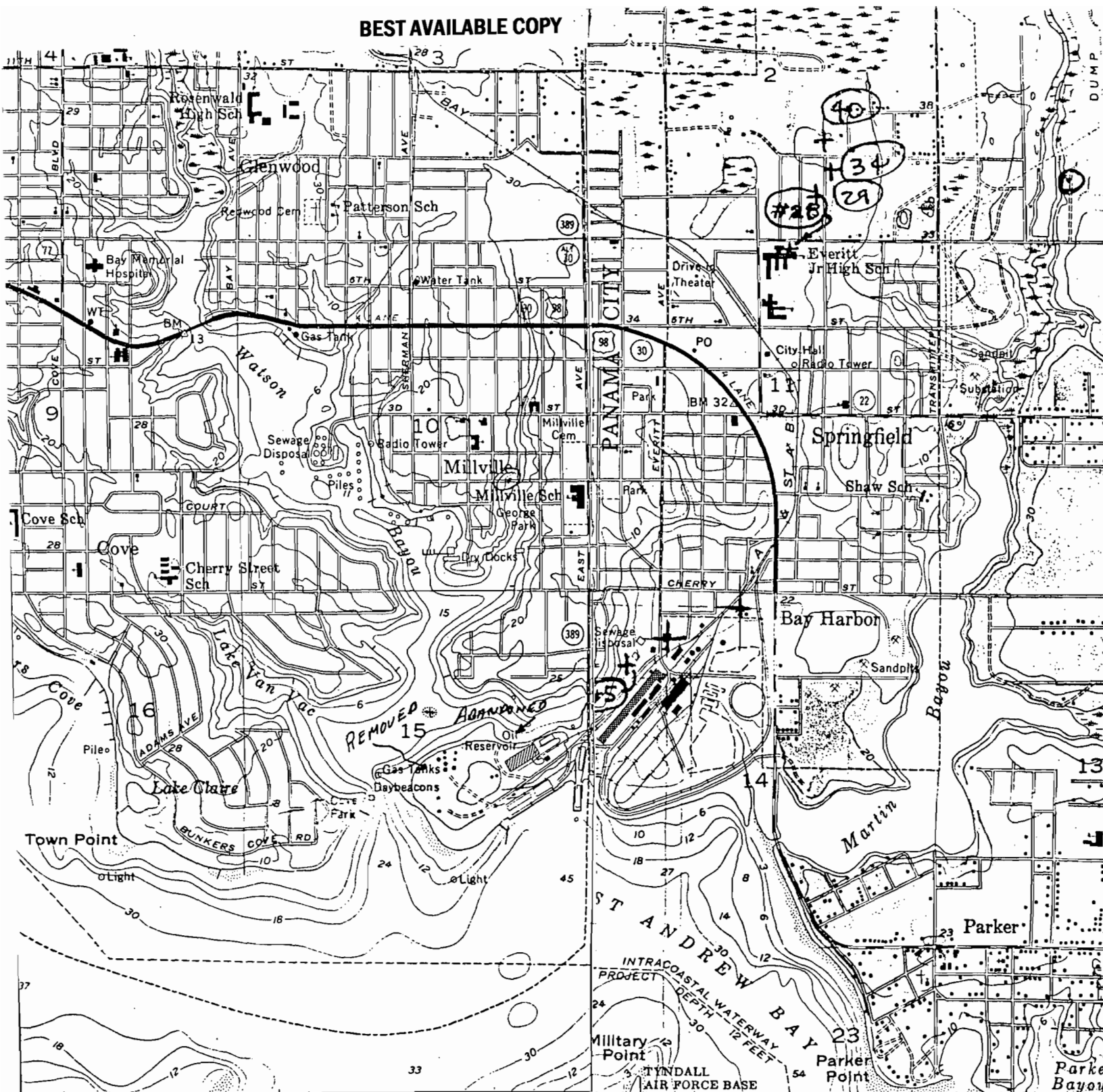
DRAWN BY
LDR
DATE
4/25/88.

SCALE
NONE

STONE CONTAINER CORPORATION
Panama City Mill Panama City, FL

DRAWING NO.

BEST AVAILABLE COPY



INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-1957-NB 632000m. E.

85°33'

1 650 000 FEET

R. 14 W.

ROAD CLASSIFICATION

- Heavy-duty Light-duty
- Medium-duty Unimproved dirt
- U. S. Route State Route

apped, edited, and published by the Geological Survey
ontrol by USGS and USC&GS

ography by planetable surveys 1943-1944
lture and drainage revised from aerial photographs
en 1954-1955. Field check 1956
rography compiled from USC&GS charts 668 (1953)
869 (1955)

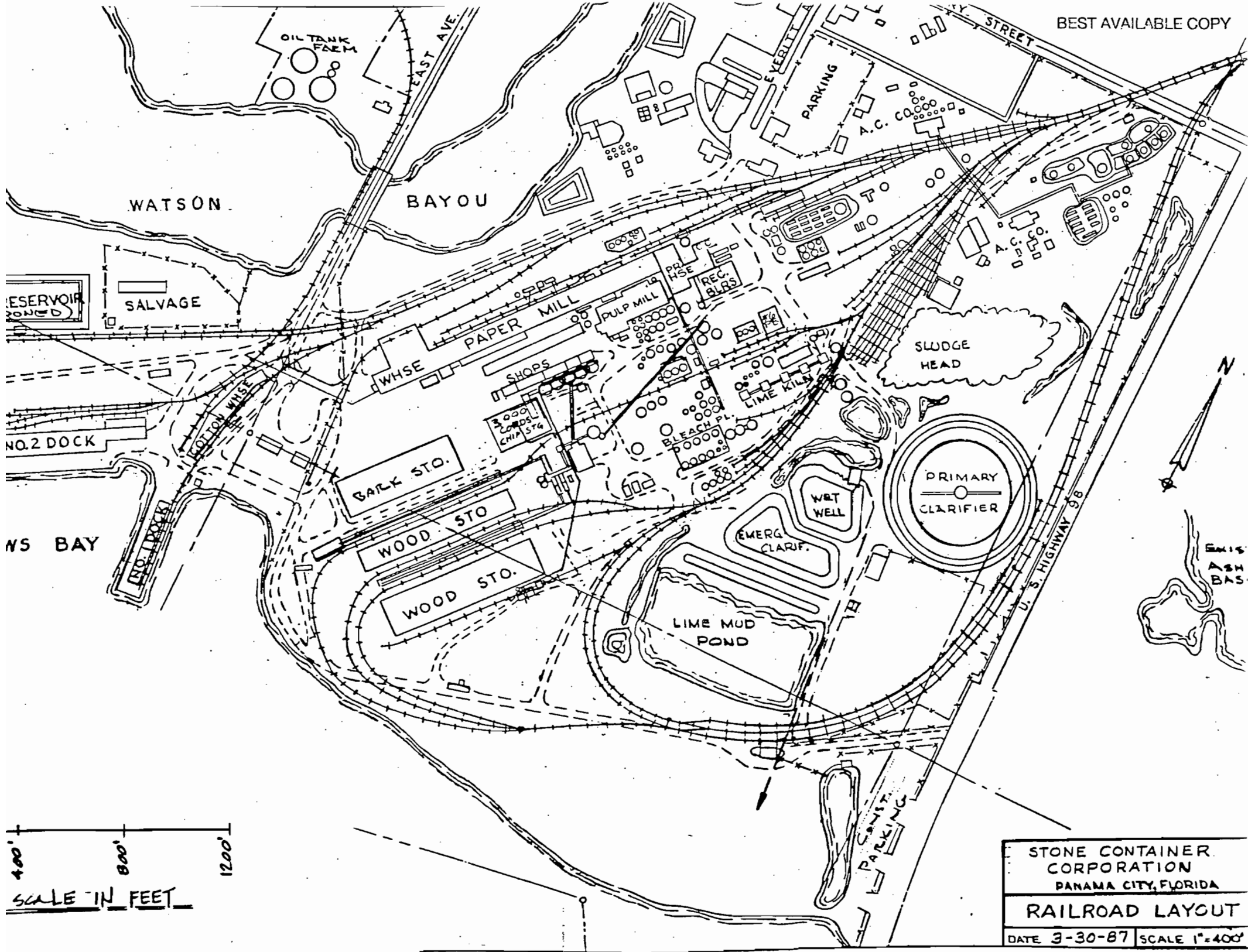
conic projection. 1927 North American datum
000-foot grid based on Florida coordinate system, north zone
0-meter Universal Transverse Mercator grid ticks,
e16, shown in blue

l tint indicates area in which only
lmark buildings are shown

PANAMA CITY, FLA.

N3007.5-W8537.5/7.5

1956



400' 800' 1200'
 SCALE IN FEET

STONE CONTAINER CORPORATION
 PANAMA CITY, FLORIDA
 RAILROAD LAYOUT
 DATE 3-30-87 SCALE 1"=400'

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

AC 03-142979
\$100.00
Receipt # 117504

RECEIVED

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



MAY 05 1988

BOB MARTINEZ
GOVERNOR

DER-BAQM

DALE TWACHTMANN
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: _____ [] New¹ [X] Existing¹

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

COMPANY NAME: Stone Container Corporation COUNTY: Bay

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

SOURCE LOCATION: Street #1 Everett Ave City Panama City

UTM: East _____ North _____

Latitude 30° 08' 31"N Longitude 85° 37' 18"W

APPLICANT NAME AND TITLE: Stone Container Corporation - Panama City Mill

APPLICANT ADDRESS: P. O. Box 2560, Panama City, FL 32402

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Stone Container Corp.

I certify that the statements made in this application for a Construction Permit 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: L. D. Riley, Jr.
L. D. Riley, Jr. - Environmental Superintendent
Name and Title (Please Type)

Date: 4/27/88 Telephone No. (904)785-4311

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

¹ 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.

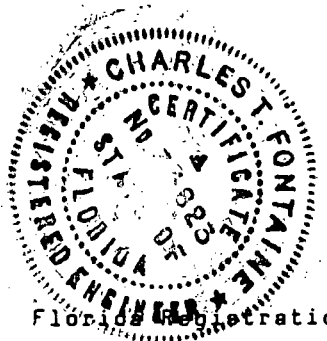
Signed *Charles T. Fontaine*

Charles T. Fontaine
Name (Please Type)

Stone Container Corporation
Company Name (Please Type)

P. O. Box 2560, Panama City, Fl 32402
Mailing Address (Please Type)

Florida Registration No. 34823 Date: 4/27/88 Telephone No. _____



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 includes the necessary piping, pumps, blow tank refurbishing, and control instrumentation to collect and incinerate the noncondensable gasses from the digester system including the turpentine condensers. (See Enclosed Project Description)

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

Start of Construction Upon receipt permit Completion of Construction March 1, 1989

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.)

\$5,000,000 for total NCG system which includes the digester system, multiple effect evaporators, and lime kiln

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

Permit No. A003-90958 issued Oct. 9, 1984 and modified July 25, 1986. Permit expires September 1, 1989.

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

F. If this is a new source or major modification, answer the following questions. (Yes or No) Not Applicable

- 1. Is this source in a non-attainment area for a particular pollutant? _____
 - 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. _____
- 3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. _____
- 4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? _____
- 5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? _____

H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? Not Applicable _____

- 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 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		
Wood Chips	None		623,700	1 through 22
White & Black			45,000 Active Alkali as Na_2O	1 through 22
Liquor				

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

1. Total Process Input Rate (lbs/hr): _____
2. Product Weight (lbs/hr): 79.6 (Air Dry Tons of Pulp)

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

Name of Contaminant	Emission ¹		Allowed ² Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
TRS	Not Applicable		Not Applicable	N/A	872025*		N/A
*Estimated Using EPA TRS Guideline Document for Uncontrolled Source							

¹See Section V, Item 2.

²Reference 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)

³Calculated from operating rate and applicable standard.

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

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

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

E. Fuels

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 _____ 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.

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

Not Applicable See Lime Kiln Permit Application
 Stack Height: _____ ft. Stack Diameter: _____ ft.
 Gas Flow Rate: _____ ACFM _____ DSCFM Gas Exit Temperature: _____ °F.
 Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

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) 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.):

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

SECTION V: SUPPLEMENTAL REQUIREMENTS

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 Costs: |

*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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy 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:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- 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:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant 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

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ 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 ²	_____ 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.

STONE CONTAINER CORPORATION
PANAMA CITY MILL

Introduction

Stone Container Corporation at the Panama city Mill location will engineer, procure, install, and start-up operationally the following systems.

- A. A non-condensable gas collection and incineration system
- B. A digester (s) blow heat recovery system
- C. A turpentine recovery system

Basic Process Description:

1. Collection of blow gases from the existing blow tank and all other required sources.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.
9. Incineration of malodorous gases in the lime kiln or power boiler through special injection nozzles

Basic Process Description Cont'd

10. Collection of turpenes, condensation, decantation, and storage of turpentine.
11. Under process upset conditions cooling of discharge water by means on an evaporative cooling tower.

Non Condensable Gas Collection and Incineration System

System Description:

This system shall be designed for the safe and reliable collection, transfer and final incineration of the non-condensable gases from the various sources on a continuous basis.

The above system performs the following functions.

1. Collection of high concentration NCG from five (5) sources:
 - Source A - No. 2 Evaporator Hotwell
 - Source B - No. 1A Evaporator Hotwell and Ejectors
 - Source C - Blow Heat Recovery System
 - Source D - Turpentine Recovery System
 - Source E - No. 3 Evaporator Hotwell
2. Transfer of the NCG to the kiln and boiler and separation of entrained liquid droplets prior to incineration.
3. Incineration of the NCG in the kiln with the boiler incineration as a back-up, through new injection nozzles.

Digesters
Blow Heat Recovery System

System Description

The proposed Blow Heat Recovery system preliminary layout is shown on drawing No. AS-875015-P26.

The blow steam vapor is discharged from the top of each blow tank and travels through two fiber separators which remove fibers entrained in the large volume of blow steam, along with any liquor. Blow steam discharges out of the separator tops and enters a common primary condenser. Water from the bottom of the accumulator tank is pumped to the primary condenser for condensing the steam.

The accumulator tank provides a reservoir for cold water, making it available throughout the blow for condensing the steam. The accumulator tank then stores the hot water for continuous heat removal.

The hot water is continuously removed from the top of the accumulator tank with a transfer pump. After heat removal in two shell heat exchangers, cooled water is returned to the bottom of the accumulator tank and is available for the next blow demand. Treated water from the existing line between the pulp mill and bleach plant is used as cooling water for one heat exchanger and secondary condenser while raw water is used on a second unit.

Treated water from the two shell heat exchanger and secondary condenser will be collected in a new hot treated water tank erected on an existing foundation. Cooling water from the turpentine condenser would also flow to this tank. Water would be pumped from the tank to bleach plant uses through the existing lines. Excess water during bleach plant downtimes would flow to the cooling tower.

Raw water is heated in a second set of heat exchangers and is sent to the existing fresh water accumulator for storage. This water is used for brown stock washing and in the caustic plant.

Turpentine Recovery System

System Description

Combined flow of relief gases from the entrainment separators are condensed in the turpentine condenser. Condensate from the condenser is then decanted to separate the turpentine; and noncondensable gases are sent to the NCG system. The turpentine separated in the decanter overflows to the existing collection system and is pumped directly to Arizona Chemical. Decanter underflow is discharged to an effluent treatment system.

SCOPE OF WORK

PROJECT TITLE

Non condensible gas collection and incineration system.

PROJECT REFERENCE NUMBER

AR 87-32.

PROJECT LOCATION

Stone Container Corp.
Panama City Mill
One Everitt Avenue
Panama City, FL 32402

REFERENCE

- 1.) A.H. Lundberg Associates, Inc.
Proposal No. 875015 Revision 03.
- 2.) A.H. Lundberg Letter Dated:
August 5, 1987 to Stone Container Corp.

PROJECT MANAGER

R.E. Harrow, PE.
Stone Container Corp.
Panama City Mill

INTRODUCTION

A.H. Lundberg Associates Inc. shall supply to Stone Container Corp. at the Panama City Mill:

- 1.) A blow heat vapor condensing system to collect malodorous gases.
- 2.) A turpentine recovery system to collect and concentrate gases from digester relief.
- 3.) The collection and incineration system for the above gases and gases collected from the existing three (3) sets of evaporators and vent systems.

DESIGN DATA

Number of digesters. 22
Number of simultaneous blows - 4

The design of the system(s) shall be mindful that future change to a continous (Kamyr type) digester shall be readily adaptable to the system(s).

It is a requirement that the project will be the supply of a complete plant as defined including:

Engineering
Site preparation
Turn key supply of equipment and materials
Installation and installation supervision
Systems check out
Start up
Compliance checking assistance.

SYSTEMS FUNCTION

The systems described shall perform the following functions:

1. Collection of blow gases from the existing blow tanks.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach plant and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.

EQUIPMENT FOR NCG AND BHR SYSTEMS

A.H. Lundberg & Associates shall supply and erect the following equipment:

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Cyclone Separator for No. 2 and 3 Digester Blow Tanks and support structures
3	One (1) only	Cyclone Separator for No. 1, 4 and 5 Digester Blow Tanks and support structures

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
4	One (1) only	Primary Condenser
5	One (1) only	Accumulator Tank (foundation by others)
6	One (1) only	Secondary Condenser
7	One (1) only	Two-Shell Heat Exchanger and support structures - treated water
8	One (1) only	Two-Shell Heat Exchanger and support structures - raw water
9	One (1) only	Heat Exchanger Condensate Pump
10	One (1) only	Primary Condenser Recirculation Pump
11	Eight (8) only	Pressure-Vacuum Relief Valves
12	One (1) lot	System Instrumentation
13	One (1) lot	Platforms, Ladders, Access Structures for access to accumulator top and heat exchangers
14	One (1) only	Hot Treated Water Pump
15	One (1) only	Brown Stock Water Trim Heater
16	One (1) only	Hot Water Collection Tank 20'x20'

SYSTEMS ENGINEERING

A. H. Lundberg Associates Inc. shall supply the following engineering data, drawings and other documents:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

TURPENTINE COLLECTION SYSTEM

EQUIPMENT

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Lundberg Associates Turpentine Condenser and support
3	One (1) only	Decanter Weir Box
4	One (1) only	Turpentine Decanter
5	One (1) only	Pressure-Vacuum Relief Valve
6	One (1) only	Condenser Tempering Pump
7	One (1) lot	System Instrumentation

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical drawings
- p. Microfilming (aperture cards) of all drawings

COLLECTION AND INCINERATION
OF NCG GASES

PROPOSED SUPPLY

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Steam Ejector
3	Seven (7) only	Flame Arresters
4	Eleven (11) only	Rupture Discs
5	Two (2) only	Entrainment Separators
6	Two (2) only	NCG Injection Nozzles
7	One (1) only	Injection Nozzle Cooling Air Fan
8	One (1) lot	System Instrumentation
9	One (1) lot	Electrical

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

MATERIALS SUPPLY

Proposal Ref..... E. INSULATION

Supplied and installed by A.H. Lundberg Associates LTD as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... F. PIPING

Supplied and installed by A.H. Lundberg Associates LTD. as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... G. INSTRUMENTATION AND ELECTRICAL

Supplied and installed by A.H. Lundberg Associated LTD. as defined in the proposal P 87015 Rev. 03.

WORK BY OTHERS

Work by others and other clarifications in accordance with the formentioned proposal.

STONE CONTAINER CORPORATION
Panama City Mill

I. Maximum Production Rates

A. Digester System

1. 1720 bone dry tons per day or 1911 air dry tons per day. This rate is based on 215 digester blows at 8 tons of bone dry pulp produced per digester blow.

B. Multiple Effect Evaporators

1. No. 1A Set - 2500 gallons per minute At 11.5% Solids
2. No. 2 Set - 800 gallons per minute At 11.5% Solids
3. No. 3 Set - 1400 gallons per minute At 11.5% Solids

C. Lime Kiln

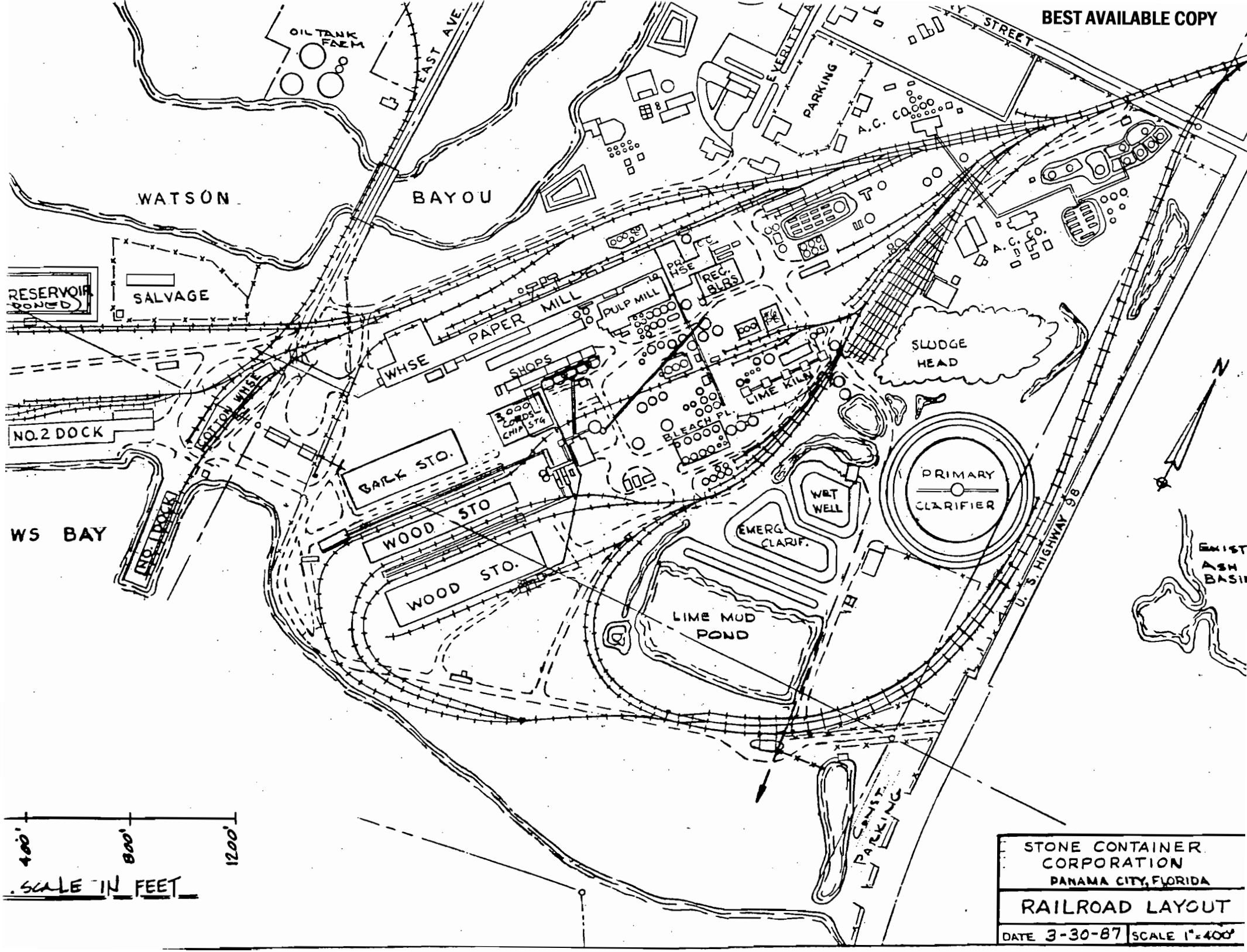
1. Process Input Rate - 42.5 tons lime mud per hour

The digester system and evaporator rates are given for informational purposes only and are not intended to be included as operating permit conditions. The process rate for the lime kiln is the permitted operating rate.

II. Emissions Rates

The TRS emissions from the digester system and the multiple effect evaporators will be zero since the gasses are collected and incinerated. Maximum TRS emissions from the lime kiln will be 20 ppm which is the limiting standard for existing kilns.

Proof of compliance with TRS emission limiting standards for existing lime kilns will be accomplished with a continuous TRS monitor.



WATSON BAYOU

RESERVOIR (DINED) SALVAGE

NO. 2 DOCK

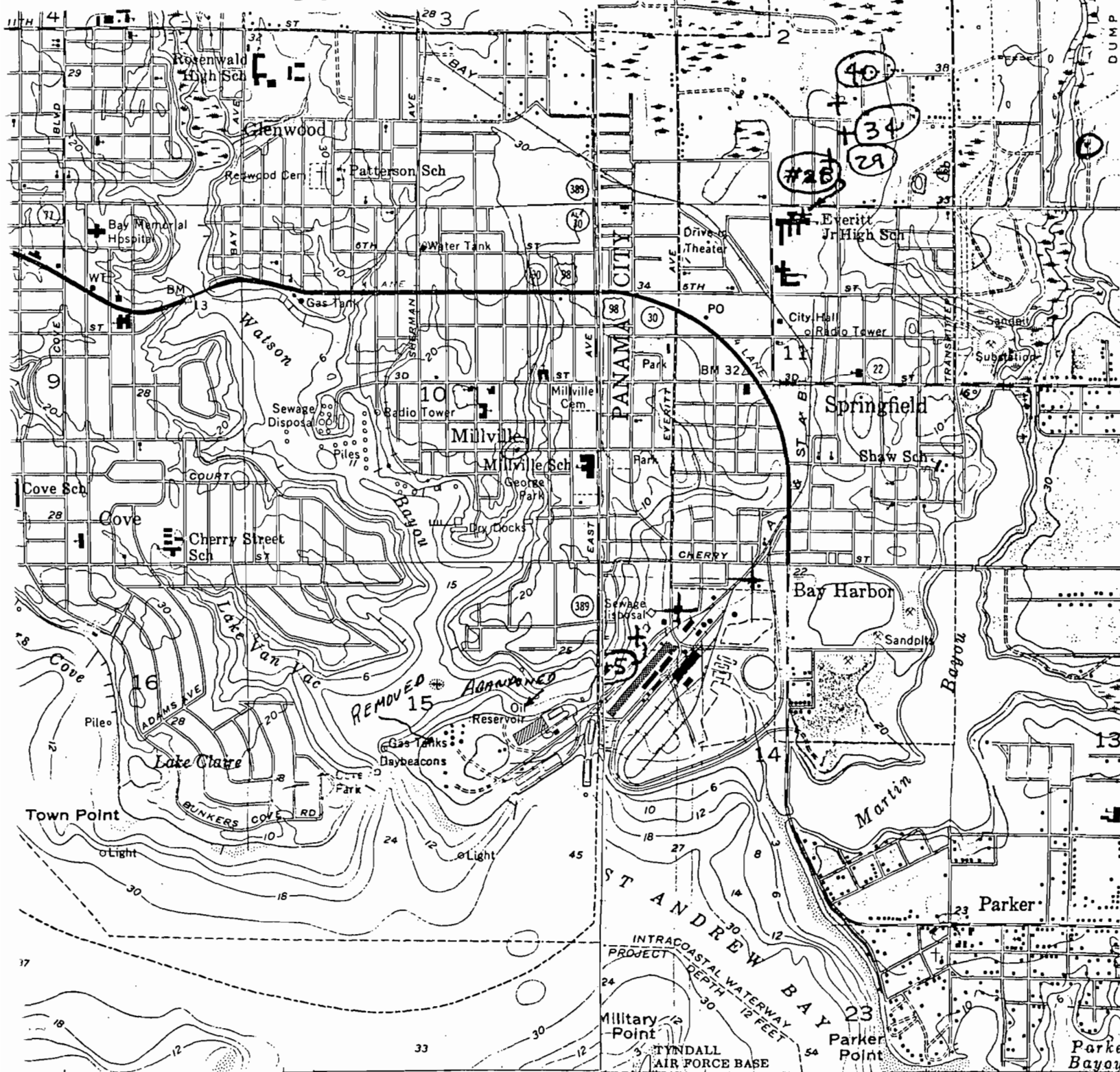
WS BAY

400' 800' 1200'

SCALE IN FEET

STONE CONTAINER CORPORATION
 PANAMA CITY, FLORIDA
RAILROAD LAYOUT
 DATE 3-30-87 SCALE 1"=400'

BEST AVAILABLE COPY



INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1957—NB 632000m. E.

85°33'0"

1 650 000 FEET

R. 14 W.

ROAD CLASSIFICATION

- Heavy-duty —————
- Medium-duty —————
- Light-duty —————
- Unimproved dirt - - - - -
- U. S. Route U. S. Route
- State Route State Route

apped, edited, and published by the Geological Survey
ontrol by USGS and USC&GS

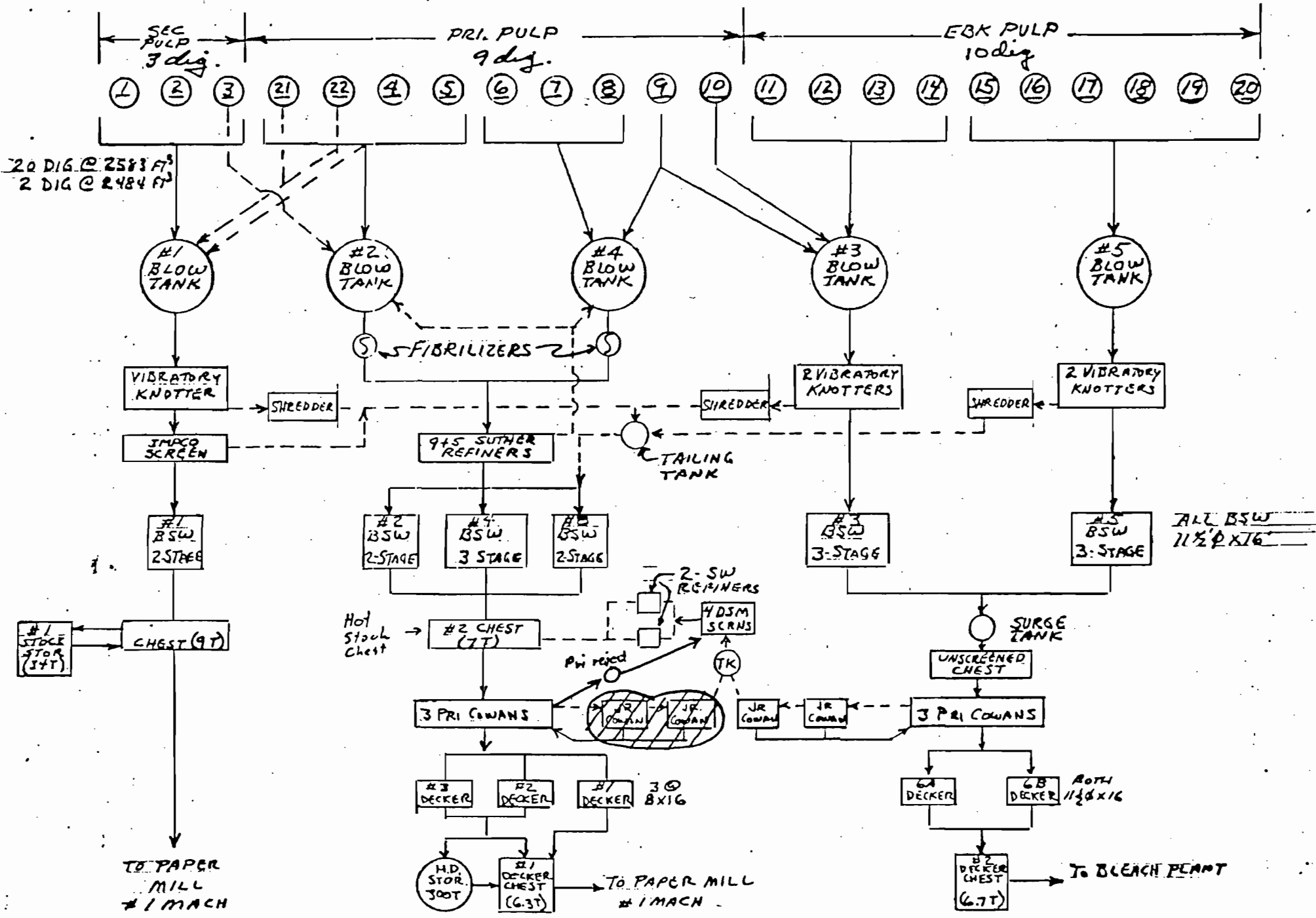
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en 1954-1955. Field check 1956
rography compiled from USC&GS charts 868 (1953)
'869 (1955)

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000-foot grid based on Florida coordinate system, north zone
0-meter Universal Transverse Mercator grid ticks,
e 16, shown in blue

l tint indicates area in which only
lmark buildings are shown

PANAMA CITY, FLA.
N3007.5—W8537.5/7.5

1956



PULP MILL FLOW

DRAWN BY CICK
DATE 5-25-82

SCALE

STONE CONTAINER CORPORATION
PANAMA CITY MILL PANAMA CITY, FLA.

DRAWING NO.
B-2 (1 of 1)



Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

1 Everitt Avenue
Panama City, Florida 32401

RECEIVED

APR 7 1988

904 785-4311

DER-BAQM

April 6, 1988

Mr. Clair Fancy, Deputy Chief
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

We plan to substitute petroleum coke for some of the fuel oil being burned in the lime kiln at the Panama City facility of Stone Container Corporation. Other facilities have seen some increase in NOx emissions with the introduction of petroleum coke into their kilns. For this reason, we will monitor NOx as well as SO² emissions before and during the use of the petroleum coke.

It is our understanding, after discussions with your staff, that NOx modeling will be required if the NOx emissions increase is greater than 40 tons per year. Should modeling indicate ambient air quality violations, then corrective measures would be required or the project abandoned.

For your information, this facility is capable of accommodating coal and does use this material as a fuel.

Yours very truly,

L. D. Riley, Jr.
Environmental Superintendent

LDR,Jr.:cf

- cc: J. F. Stewart
- J. B. Prescott
- G. P. Nellis
- Curtis Barton - Atlanta
- Richard Graham - Atlanta

Copied: *Jeresa Neron*
 CHF/BT } 4.8.88 *(m)*

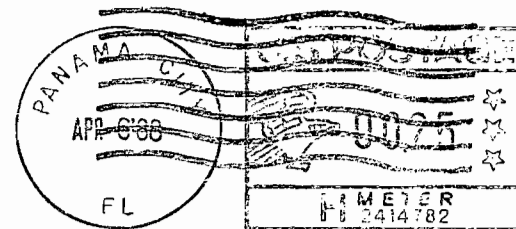


Stone Container Corporation

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402

RECEIVED
APR 7 1988
DER-BAQM



Mr. Clair Fancy
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

4888
~~DER~~ } FYI
~~BAQM~~
②



● **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.

3. Article Addressed to: Mr. J. P. Stewart, General Manager Stone Container Corporation P.O. Box 2560 Panama City, FL 32402	4. Article Number P 274 010 456 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 Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature — Addressee X	8. Addressee's Address (<i>ONLY if requested and fee paid</i>)
6. Signature — Agent <i>Jason Barker</i>	
7. Date of Delivery 2-1-88	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

P 274 010 456

RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

* U.S.G.P.O. 1985-480-794

Mr. J. P. Stewart, G.M. Stone Container Corporation P.O. Box 2560	
P.O., State and ZIP Code Panama City, FL 32402	
Postage	S
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	S

PS Form 3800, June 1985

Postmark or Date
 Mailed: 01/29/88
 RE: Pre & Post Test to estb.
 SO2 Control Efficiencies

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

January 22, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. J. P. Stewart, General Mgr.
Stone Container Corporation
P. O. Box 2560
Panama City, Florida 32402

Dear Mr. Stewart:


Re: Pre and Post Test to Establish SO₂ Control Efficiencies

It has become apparent in the review of the various permit applications received regarding the TRS NCG systems that the selected combustion devices and their associated control efficiencies for sulfur dioxide (SO₂) are not established. Therefore, a pre and post test will be required to establish the SO₂ removal efficiency of each combustion device (e.g. lime kiln), which is currently operating and in which TRS emissions are proposed to be incinerated.

It is advised that you perform the pre-test at your next earliest convenience (e.g. annual compliance test). Please submit the test data to the Department's Bureau of Air Quality Management to review and to document the results for the file.

If you have any questions, please call Bruce Mitchell at (904)488-1344 or write to me at the above address.

Sincerely,


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

CHF/PR/s

cc: S. Smallwood
J. Brown
B. Thomas
B. Pittman
M. Zilberberg
E. Middleswart

P 274 010 482

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

Sent to J. F. Stewart, G.M.	
Stone Container Corp.	
Street and No. P.O. Box 2560	
P.O., State and ZIP Code Panama City, FL 32402	
Postage	S
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	S
Postmark or Date	
Mailed: 01-04-88	
Permit: AC 03-142979	

PS Form 3811, July 1983 447-845

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 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 service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to: J.F. Stewart, G.M.
Stone Container Corporation
P.O. Box 2560
Panama City, FL 32402

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured	P 274 010 482
<input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD	
<input type="checkbox"/> Express Mail	

Always obtain signature of addressee or agent and **DATE DELIVERED.**

- Signature - Addressee
- Signature - Agent
Dorothy Barber
- Date of Delivery
JAN 6 1988
- Addressee's Address (ONLY if requested and fee paid)

Postmark
Jan 6 '88
Rec'd
BADM
Jan 8 '88

file

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

January 4, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. J.F. Stewart, General Manager
Stone Container Corporation
P.O. Box 2560
Panama City, Florida 32402

Dear Mr. Stewart:

Re: Digester System, M.E. Evaporators, & Turpentine Condensor Vent
Permit Number: AC 03-142979

We acknowledge receipt of Mr. Riley's letter dated December 21, 1987 and a check for \$1,000.00. Your request to delay submission of the previously requested application package for the construction of the TRS noncondensable gas handling system until January 22, 1988, is approved. As of today, the status of your application package continues to be deemed incomplete.

If you have any questions or wish to meet with us, please call Bill Thomas at (904)488-1344 or write to me at the above address.

Sincerely,

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

CHF/plm

cc: E. Middleswart, N.W. Dist.
C. Fontaine, P.E.
D. Riley, Stone Container Corp.



Stone Container Corporation

Panama City Mill

PM
22 Dec. 1987
Panama City

File Copy

Containerboard and Paper Division

1 Everitt Avenue
Panama City, Florida 32401

DER

DEC 23 1987

904 785-4311

BAQM

December 21, 1987

Mr. C. H. Fancy, P. E., Deputy Chief
Florida Department of Environmental Regulations
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Fancy:

Confirming our telephone conversation, I am in receipt of your letter concerning the deficiencies in our permit application for construction of the non-condensable gas collecting system. I was not able to submit the requested information by December 18th, since I was on vacation. I request an extension of this date until January 22, 1988, since both your contact man, Mike Harley, and I will be on vacation the last week of December, 1987.

Thanks again for your co-operation in this matter.

Yours very truly,

L. D. Riley, Jr.
Stone Container Corporation
Environmental Engineer

cc: J. F. Stewart
J. B. Prescott
L. C. Smith
G. P. Nellis

Copied: CHF/BT

Mike Harley

Ed. Middleswart, NW Dist

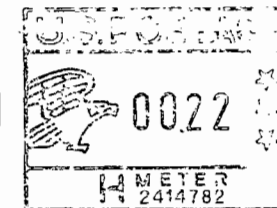
} 12.23.87 (10)



Stone Container Corporation

Containerboard and Paper Division

Post Office Box 2560
Panama City, Florida 32402



23-131963
at Seal

Mr. C. H. Fancy, P. E., Deputy Chief
Florida Department of Environmental Regulations
2600 Blair Stone Road
Tallahassee, Florida 32399-2400





Stone Container Corporation

Containerboard and Paper Division

Panama City Mill

1 Everitt Avenue
Panama City, Florida 32401

904 785-4311

December 4, 1987

Mr. Clair Fancy
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

The permitting fee check was inadvertently omitted from the package containing our construction permit application for the NCG collection system at the Panama City Mill of Stone Container Corporation. The \$1,000 check is enclosed.

Yours very truly,

STONE CONTAINER CORPORATION

L. D. Riley, Jr.
Environmental Engineer

LDR,Jr:cf

Enclosure

Copied: Ed Waddlesworth - NW Dist. Office } 12.15.87 (mg)
BT/CHF

001031

RECEIVED
DER - MAIL ROOM
1987 DEC - 7 AM 10: 47

12-15-87

CHF

~~BB~~

} FYI

Thanks,





Stone Container Corporation
PANAMA CITY MILL
PANAMA CITY, FLORIDA

No. 06013

FILE NO.	DATE
	11/20/87

PAY EXACTLY ***1,000.00*****

***1,000.00*

PAY TO THE ORDER OF

Stone Container Corporation
GENERAL ACCOUNT-PANAMA CITY MILL

FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

J. F. Stewart
Philip W. Cunningham

TO NCNB NATIONAL BANK OF N.C.
ASHEVILLE, NORTH CAROLINA



Mr. Clair Fancy
Florida Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

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STONE CONTAINER CORPORATION

L. D. Riley, Jr.
L. D. Riley, Jr.
Environmental Engineer

LDR,Jr:cf

Enclosure

RECEIVED
DER - MAIL ROOM
1987 DEC - 7 AM 10:47

001031

P 274 007 640

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

U.S.G.P.O. 1985-480-794

Sent to Mr. J.F. Stewart, G.M. Stone Container Corp. 1 Everitt Avenue P.O. Box 2560 Panama City, FL 32401	
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: 12/7/87 Permit: No Number	

PS Form 3800, June 1985

PS Form 3911, July 1983 447-945

DOMESTIC RETURN RECEIPT

● **SENDER: Complete items 1, 2, 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 service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to: J. F. Stewart, G.M.
Stone Container Corporation
1 Everitt Avenue
Post Office Box 2560
Panama City, FL 32401

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 274 007 640

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X

6. Signature - Agent
X *Barney Barber*

7. Date of Delivery
DEC 8 1987

8. Addressee's Address (ONLY if requested and fee paid)
DEC 8 1987

file

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

December 4, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. J. F. Stewart
General Manager
Stone Container Corporation
1 Everitt Avenue
P. O. Box 2560
Panama City, Florida 32401

Dear Mr. Stewart:

Re: Application Submittal Deficiency

The Department has received the application package for your TRS noncondensable gas handling system. Pursuant to Chapter 403.087, Florida Statutes, the material submitted cannot be processed without the proper fee being submitted. However, the fee cannot be assessed with what has been submitted. Therefore, on a per source basis, submit separate application packages along with the appropriate fee to the DER's Bureau of Air Quality Management by December 18, 1987.

If there are any questions, please call Mike Harley at (904)488-1344 or write to me at the above address.

Sincerely,

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

CHF/BM/s

cc: E. Middleswart, NW District
B. Pittman, Esq.
D. Riley, Stone Container Corp.
C. Fontaine, P.E.



Stone Container Corporation

Containerboard and Paper Division

Received Fee \$1000.00
on 12.7.1987. Clock begin
on 12.7.1987

Panama City Mill

1 Everitt Avenue
Panama City, Florida 32401

904 785-4311

November 23, 1987

Mr. Clair Fancy
Florida Dept. of Environmental Regulation
Department of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32301

DER

NOV 25 1987

BAQM

Dear Mr. Fancy:

Enclosed are two copies of the construction permit application for the installation of the non-condensable gas collecting and incineration system for the Panama City Mill of Stone Container Corporation. The system we have planned will collect the gasses from the digester system, the multiple effect black liquor evaporators, and the turpentine condenser vent.

We view this project as strictly the installation of a pollution control system since there will be no source modifications made nor will there be any possibility of production increases resulting from this project. Since this is a true retrofit for pollution abatement only, we do not feel that the permitting process will be complicated or overly time consuming.

If you have questions or comments, please contact David Riley at (904) 785-4311, Ext. 257.

Yours very truly,

STONE CONTAINER CORPORATION

L. D. Riley, Jr.
Environmental Engineer

LDR,Jr:cf

Enclosure (2)

cc: J. F. Stewart
J. B. Prescott
G. P. Nellis
Curtis Barton - Atlanta
L. C. Smith

Copied
Ed Middlecutt - NW Dist } 12/15/87
BT/CHF

Stone Container
(904)

785-4311

Env. Mgr. Gary Nellis

Env. Eng. David Ritek

Mgr. - Jim Stewart

DEPARTMENT OF ENVIRONMENTAL REGULATION

Receipt # 117504
\$1000.00
RC 03-142979

DER

DER

NOV 25 1987

NOV 25 1987

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



BAQM

BAQM

BOB MARTINEZ
GOVERNOR

DALE TWACHTMANN
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: _____ [] New¹ [] Existing

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

COMPANY NAME: Stone Container Corporation (Panama City Mill) COUNTY: Bay

Identify the specific emission point source(s) addressed in this application (i.e. Lime
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Digester System, H. E.
Evaporators, & Turpentine

SOURCE LOCATION: Street 1 Everitt Avenue Condenser Vent
City Panama City

UTM: East _____ North _____
Latitude _____ ° _____ ' _____ "N Longitude _____ ° _____ ' _____ "W

APPLICANT NAME AND TITLE: Stone Container Corporation, Panama City Mill

APPLICANT ADDRESS: 1 Everitt Ave. P. O. Box 2560

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

The Panama City Mill of

I am the undersigned owner or authorized representative* of Stone Container Corporation

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: J. F. Stewart

J. F. Stewart, General Manager
Name and Title (Please Type)

Date: 11-23-87 Telephone No. (904) 785-4311

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

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

9430

930

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 Charles Temple Fontaine

Charles Temple Fontaine
Name (Please Type)

Stone Container Corporation
Company Name (Please Type)

P. O. Box 2560 - Panama City, FL 32402
Mailing Address (Please Type)

Florida Registration No. 34823 Date: 11/24/87 Telephone No. (904) 785-4311

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.

Collect and incinerate non-condensable gasses from the digester system, 3 multiple effect black liquor evaporators, and turpentine condenser vent

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

Start of Construction _____ Completion of Construction May 12, 1989

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.)

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

Digester System: A003-90958

II. E. Evaporators: A003-115671

Turpentine Condenser Vent: A003-90960

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 50 ;
if power plant, hrs/yr _____ ; if seasonal, describe: _____

F. If this is a new source or major modification, answer the following questions.
(Yes or No) Not Applicable

1. Is this source in a non-attainment area for a particular pollutant? _____
 - 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. _____
3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. _____
4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? _____
5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? _____

- 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:

Not Applicable

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

B. Process Rate, if applicable: (See Section V, Item 1) Not Applicable

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)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
TRS	0	0	Emissions from these sources are zero since they will be incinerated in the lime kiln				

¹See Section V, Item 2.

²Reference 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)

³Calculated from operating rate and applicable standard.

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

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Collected non-condensable gasses will be				
burned in an existing lime kiln				

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 _____ BTU/gal

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

F. If applicable, indicate the percent of fuel used for space heating. Not applicable

Annual Average _____ Maximum _____

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

None

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

Stack Height: _____ ft. Stack Diameter: _____ ft.
 Gas Flow Rate: _____ ACFM _____ DSCFM Gas Exit Temperature: _____ °F.
 Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

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) 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.):

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

SECTION V: SUPPLEMENTAL REQUIREMENTS

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 Costs: |

*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

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:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² 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:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy 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:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

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:¹

d. Capital Costs:

e. Useful Life:

f. Operating Cost:

g. Energy:²

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:¹

3. Capital Cost:

4. Useful Life:

5. Operating Cost:

6. Energy:²

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant 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

A. Company Monitored Data Not Applicable

1. _____ no. sites _____ TSP _____ () SO₂* _____ 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 ²	_____ 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.

SCOPE OF WORK

PROJECT TITLE

Non condensible gas collection and incineration system.

PROJECT REFERENCE NUMBER

AR 87-32.

PROJECT LOCATION

Stone Container Corp.
Panama City Mill
One Everitt Avenue
Panama City, FL 32402

REFERENCE

- 1.) A.H. Lundberg Associates, Inc.
Proposal No. 875015 Revision 03.
- 2.) A.H. Lundberg Letter Dated:
August 5, 1987 to Stone Container Corp.

PROJECT MANAGER

R.E. Harrow, PE.
Stone Container Corp.
Panama City Mill

INTRODUCTION

A.H. Lundberg Associates Inc. shall supply to Stone Container Corp. at the Panama City Mill:

- 1.) A blow heat vapor condensing system to collect malodorous gases.
- 2.) A turpentine recovery system to collect and concentrate gases from digester relief.
- 3.) The collection and incineration system for the above gases and gases collected from the existing three (3) sets of evaporators and vent systems.

DESIGN DATA

Production rate 1500 TPD
Number of digesters. 22
Number of simultaneous blows - 4

The design of the system(s) shall be mindful that future change to a continous (Kamyr type) digester shall be readily adaptable to the system(s).

It is a requirement that the project will be the supply of a complete plant as defined including:

- Engineering
- Site preparation
- Turn key supply of equipment and materials
- Installation and installation supervision
- Systems check out
- Start up
- Compliance checking assistance.

SYSTEMS FUNCTION

The systems described shall perform the following functions:

1. Collection of blow gases from the existing blow tanks.
2. Separation of entrained liquor and fiber from the blow gas prior to condensing.
3. Condensation of the blow gas in a barometric primary condenser and an indirect contact secondary condenser.
4. Containment and cooling of the noncondensable gases prior to their collection and incineration.
5. Storage of the blow vapor condensate in a hot water accumulator tank.
6. Transferring heat from the hot water accumulator to mill process streams, heating primarily the treated fresh water for the bleach plant and raw water for brown stock washing.
7. Collection of hot treated water from blow heat recovery and turpentine recovery systems into a new tank for pumping to bleach plant and decker uses.
8. Collection of raw water from the blow heat system in an existing tank for use in the caustic plant and brown stock washing.

EQUIPMENT FOR NCG AND BHR SYSTEMS

A.H. Lundberg & Associates shall supply and erect the following equipment:

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Cyclone Separator for No. 2 and 3 Digester Blow Tanks and support structures
3	One (1) only	Cyclone Separator for No. 1, 4 and 5 Digester Blow Tanks and support structures

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
4	One (1) only	Primary Condenser
5	One (1) only	Accumulator Tank (foundation by others)
6	One (1) only	Secondary Condenser
7	One (1) only	Two-Shell Heat Exchanger and support structures - treated water
8	One (1) only	Two-Shell Heat Exchanger and support structures - raw water
9	One (1) only	Heat Exchanger Condensate Pump
10	One (1) only	Primary Condenser Recirculation Pump
11	Eight (8) only	Pressure-Vacuum Relief Valves
12	One (1) lot	System Instrumentation
13	One (1) lot	Platforms, Ladders, Access Structures for access to accumulator top and heat exchangers
14	One (1) only	Hot Treated Water Pump
15	One (1) only	Brown Stock Water Trim Heater
16	One (1) only	Hot Water Collection Tank 20'x20'

SYSTEMS ENGINEERING

A. H. Lundberg Associates Inc. shall supply the following engineering data, drawings and other documents:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

TURPENTINE COLLECTION SYSTEM

EQUIPMENT

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Lundberg Associates Turpentine Condenser and support
3	One (1) only	Decanter Weir Box
4	One (1) only	Turpentine Decanter
5	One (1) only	Pressure-Vacuum Relief Valve
6	One (1) only	Condenser Tempering Pump
7	One (1) lot	System Instrumentation

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical drawings
- p. Microfilming (aperture cards) of all drawings

COLLECTION AND INCINERATION
OF NCG GASES

PROPOSED SUPPLY

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
1	One (1) lot	System Engineering
2	One (1) only	Steam Ejector
3	Seven (7) only	Flame Arresters
4	Eleven (11) only	Rupture Discs
5	Two (2) only	Entrainment Separators
6	Two (2) only	NCG Injection Nozzles
7	One (1) only	Injection Nozzle Cooling Air Fan
8	One (1) lot	System Instrumentation
9	One (1) lot	Electrical

EQUIPMENT SPECIFICATIONS

System Engineering:

- a. Heat, mass and energy balances
- b. Process and instrument diagrams
- c. Valve and line diagrams
- d. Valve list
- e. Line lists
- f. Equipment list
- g. Vessel drawings
- h. General arrangement drawings
- i. Pump specifications
- j. Instrument specifications
- k. Instrument loop sheets
- l. Piping drawings without bill of materials
- m. Supports, platforms, access structures and ladders drawings
- n. Operating and maintenance manuals. Ten (10) required
- o. Electrical wiring diagrams and drawings
- p. Microfilming (aperture cards) of all drawings

MATERIALS SUPPLY

Proposal Ref..... E. INSULATION

Supplied and installed by A.H. Lundberg Associates LTD as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... F. PIPING

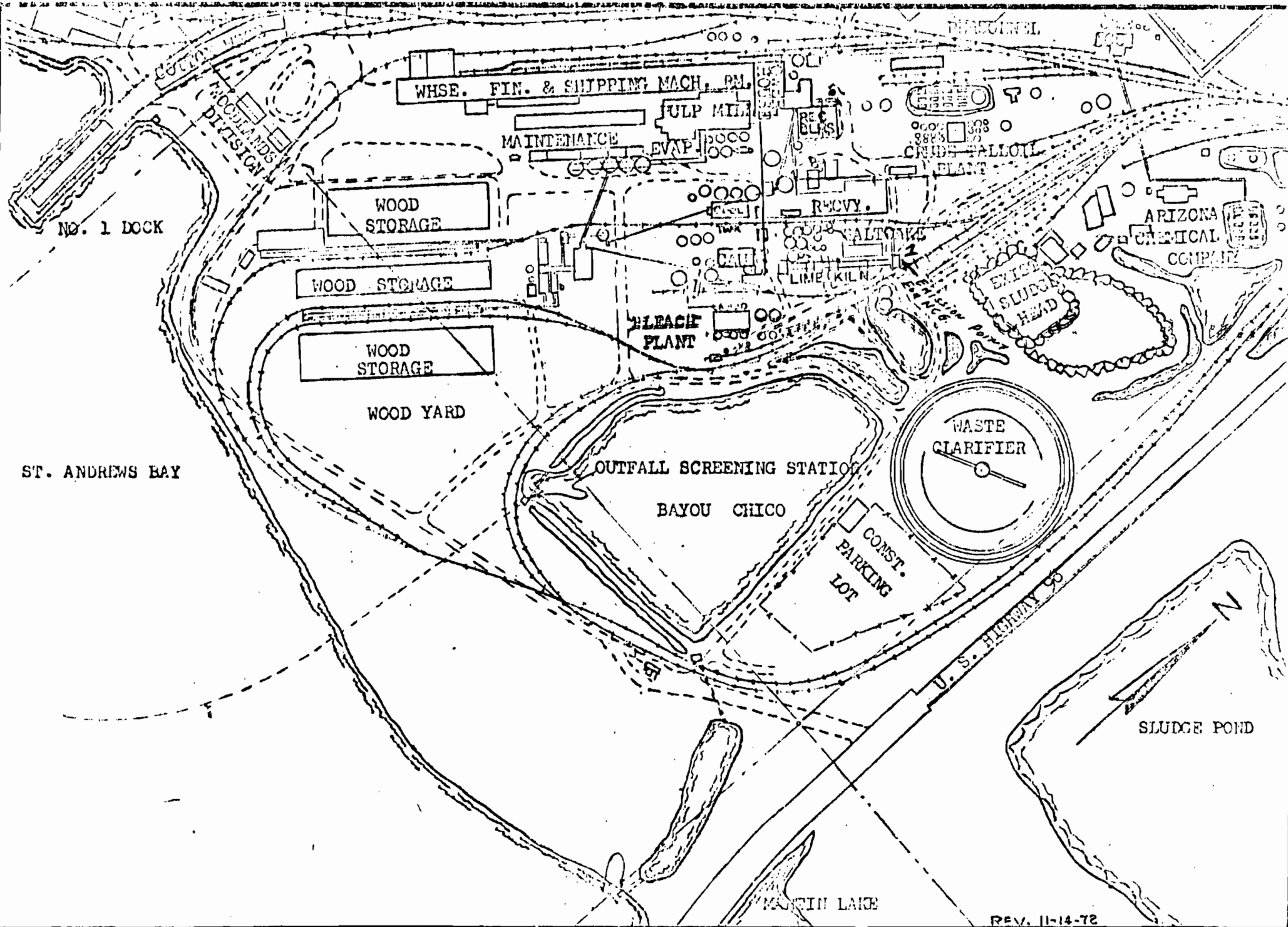
Supplied and installed by A.H. Lundberg Associates LTD. as defined in the proposal P 875015 Rev. 03.

Proposal Ref..... G. INSTRUMENTATION AND ELECTRICAL

Supplied and installed by A.H. Lundberg Associated LTD. as defined in the proposal P 87015 Rev. 03.

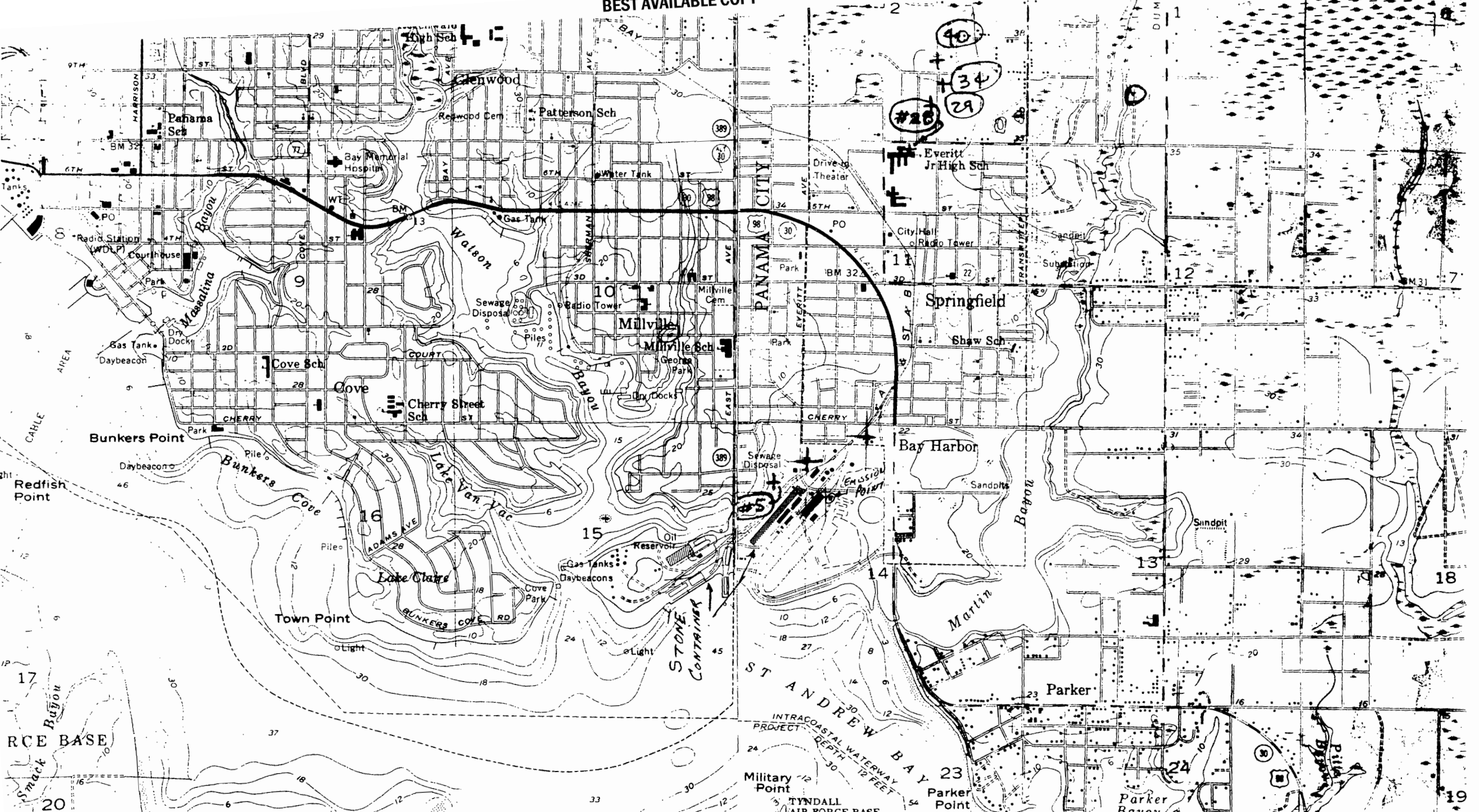
WORK BY OTHERS

Work by others and other clarifications in accordance with the formentioned proposal.



REV. 11-14-72

<p>TITLE MILL SITE PLAN FOR POLLUTION SOURCE OPERATION PERMIT</p>	<p>DRAWN BY BRENTON</p> <p>DATE 8-28-74</p>	<p>SCALE 1" = 400'</p>	<p>STONE CONTAINER CORP. PANAMA CITY MILL</p>	<p>DRAWING NO. 96-PC-14 FB SK</p>
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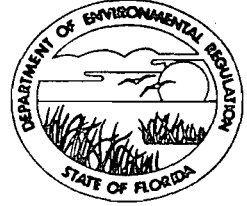


INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1957-NS 632000m. E. 85°37'30" 1:650,000 FEET R 14 W LONG POINT 2.8 MI. PORT ST. JOE 30 MI. MR 5593

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

ROAD CLASSIFICATION			
Heavy-duty		Light-duty	
Medium-duty		Unimproved dirt	

Topography by planetable surveys 1943-1944
Culture and drainage revised from aerial photos



Interoffice Memorandum

TO: Steve Smallwood
FROM: Bruce Mitchell *BM*

DATE: November 13, 1987

SUBJ: BAQM Meeting with Stone Container Corporation of
Panama City, Florida; November 10, 1987; 1:30 p.m.

For Routing To Other Than The Addressee	
To: <i>Mike Harley</i>	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

A meeting was conducted with representatives of the above referenced paper and pulp mill. The following facts and information were discussed:

1. As part of the above referenced mill's modernization program, the intent was to replace the existing batch digester system with two continuous digester systems. However, since the recent change and decline in the stock market, the mill's Board of Directors postponed any decision making and commitment on this phase of the mill's modernization program until a later date.
2. Board meetings are scheduled for January, 1988, and April, 1988.
3. As part of the mill's current TRS Compliance Plan, five existing blow tank systems are to be refurbished. Lead time for ordering and receiving the steel (materials logistics problem) to be used in this project is approximately 4 months.
4. In order for the mill to get steel delivery for the scheduled mill outage in October, 1988, they need to order the material by May, 1988. By May, 1988, two Board meetings will have taken place and, with each, the potential approval of the two continuous digester systems exists.
5. Refurbishing the existing five blow tank systems will cost approximately \$1,000,000. This would be a financial loss if the refurbishment is completed and the two continuous digester systems are then approved, because the existing blow tank systems would be removed from service as part of the mill's modernization plan.
6. The mill is required to submit applications with the appropriate fees to the Department for those sources described in the mill's current TRS Compliance Plan within two weeks or November 27, 1987.

Steve Smallwood
Page Two
November 13, 1987

7. The DER's Bureau of Air Quality Management will process the mill's applications for their current TRS Compliance Plan as expeditiously as possible and expects to have the construction permits issued prior to the April, 1988 Board meeting.
8. If approval of the two continuous digester systems occurs, Florida Administrative Code Rule 17-2.960 allows for an additional 24 months to demonstrate final compliance on these sources with the Secretary's approval and signature.
9. If approval of the two continuous digester systems does not occur by the April, 1988 Board meeting, then the mill will proceed and comply with their current TRS Compliance Plan.
10. If the mill does not receive approval for the two continuous digester systems by the April, 1988 Board meeting and it is concluded that additional time, beyond the Rule's final compliance date, is needed to comply with their current TRS Compliance Plan, then the mill is to apply to the Department for a Variance pursuant to Chapter 403, Florida Statutes.

BM/ks

cc: C. Fancy
B. Thomas
J. Brown
B. Pittman
E. Middleswart
M. Harley
P. Raval
T. Heron
D. Riley, Jr.



Stone Container Corporation

Panama City Mill

Containerboard and Paper Division

1 Everitt Avenue
Panama City, Florida 32401

Claim -

For your files

Received 2-10-88

(mm)

October 7, 1987

904 785-4311

DER

OCT 12 1987

BAQM

2-11-88

Mr. Steve Smallwood, Bureau Chief
Bureau of Air Quality Management
Florida Dept. of Environmental Regulations
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399

~~CHF~~
~~BT~~ } FYI

(in)

Dear Mr. Smallwood:

Confirming our telephone conversation today, Stone Container Corporation purchased the Panama City Pulp and Paper Mill, formerly owned by Southwest Forest Industries, in April, 1987. After acquisition of the facility, Stone Container management began a review of our proposed capital expenditures for plant improvements, which included the NCG system required by the TRS rule.

Yesterday, management decided to go before the Board of Directors on November 9, 1987 and request funds for a major modernization of the pulp mill at Panama City. The modernization plan would include a significant reconfiguration of the existing digester system with either total or partial replacement of the existing digesters. Should the board act favorably on this request, a complete redesign of the NCG collection and incineration system will be required.

It is my understanding, from our conversation, that the Florida Department of Environmental Regulations is willing to hold our previously submitted compliance schedule in abeyance until the Board of Directors render their decision on the request for modernization funds. Further, we will meet with you following the board's decision to establish a revised compliance schedule based upon the modernization plan or the plant remaining in the present configuration.

Thank you for your cooperation in this very important matter.

Yours very truly,

L. D. Riley, Jr.
L. D. Riley, Jr.
Environmental Engineer

LDR,Jr.:cf

- cc: Robert V. Kriegel, FDER Pensacola
- J. F. Stewart
- J. B. Prescott
- L. C. Smith
- G. P. Nellis

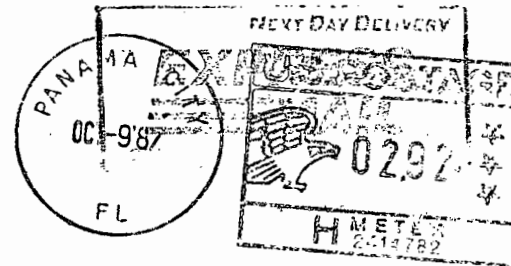
Copied: Terass Heron } 2-11-88 *(mm)*
CHF/BT



Stone Container Corporation

Containerboard and Paper Division

1 Everitt Avenue
Panama City, Florida 32401



*Fold at line over top of envelope to the right
of the return address.*

CERTIFIED

P-545 756 975

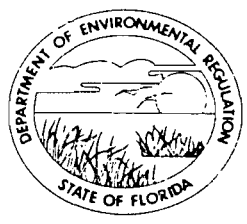
MAIL

Mr. Steve Smallwood, Bureau Chief
Bureau of Air Quality Management
Florida Dept. of Environmental Regulations
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399

General

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

May 28, 1987

Mr. Loren D. Evenson
5121 N. Lakewood Drive
Panama City, Florida 32404

Dear Mr. Evenson:

Secretary Twachtmann has asked me to respond to your April 29 letter about air pollutants emitted by Stone Container Company and Arizona Chemical Company.

Enclosed are copies of the Department's most recent inspection reports for the two facilities in question and copies of the state regulations that apply to emissions from the air pollution sources within these facilities.

The first concern expressed in your letter seems to be the emissions of odorous compounds. The odorous compounds are referred to as total reduced sulfur or TRS. The U.S. Environmental Protection Agency (EPA) studied the effects of TRS emissions from kraft pulp mills during the 1970's and determined that existing ambient concentrations of these pollutants did not affect public health. But, the EPA did determine that TRS emissions from kraft pulp mills--such as Stone Container Company--adversely affect public welfare. As a result of this study, the EPA adopted new source performance standards and published guidelines that required states to adopt emission limiting standards for existing sources at kraft pulp mills. Presently, the EPA is readdressing hydrogen sulfide, one constituent of TRS, in order to determine if it is a toxic air pollutant.

The Department adopted a comprehensive set of rules to limit TRS emissions from kraft pulp mills on March 21, 1985. Originally, the compliance calendar of events was to start when the EPA published final approval of the Florida TRS rules. Since the EPA did not elect to expeditiously approve the TRS rules--the Department activated the compliance calendar of events on May 12, 1986. Both the kraft pulp mill owned by Stone Container Company and the tall oil plant owned by Arizona Chemical Company are subject to the requirements of the Florida TRS rules.

Mr. Loren D. Evenson
Page Two
May 28, 1987

Stone Container Company is required to reduce TRS emissions from an estimated 1984 level of 274 pounds per hour to an estimated level of 70 pounds per hour by May 12, 1989. The company reports that the kraft recovery furnaces, smelt dissolving tank vents, and lime kiln have been brought into compliance with the state TRS regulations. This is an estimated emission reduction of about 60 pounds per hour. Of course, the company must still install the required TRS continuous emission monitoring system on the lime kiln. The sources that remain to be controlled are the digester and multiple effect evaporator systems. The installation of controls on these sources is expected to further reduce TRS emissions by an estimated 144 pounds per hour.

Arizona Chemical Company has already installed TRS emission control equipment on their tall oil plant. This equipment has been in place for a number of years. The company is in the process of adjusting the control equipment in order to comply with the state TRS regulations. The surrogate parameters that will continuously be monitored to ensure that the control equipment is properly operated and maintained are also being established. The company is required to demonstrate that the tall oil plant is in compliance by November 12, 1987. Based on the most recent emission test--compliance with the TRS regulations for tall oil plants is expected to result in an emission reduction of 1.05 pounds per day. The present emissions (about 6.8 lbs/day) from this tall oil plant are substantially less than the several hundred pounds per day that may be emitted by uncontrolled tall oil plants.

Air quality modeling was performed when the TRS rules were developed in order to determine how much odor reduction could be expected. The results indicate that the number of days that you experience odor from Arizona Chemical Company and Stone Container Company should be reduced by as little as 35% to as much as 90% by May 12, 1989. The degree of reduction is expected to be less when closer to the sources and greater when further away.

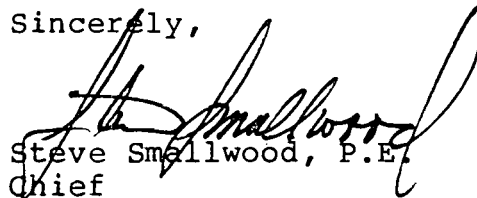
Your second concern seemed to be the lime emissions from Stone Container Company. The Department has investigated the lime emissions that you referred to in your letter. These emissions were the result of improperly restarting the lime kiln after a malfunction which caused it to shutdown. The Department has initiated an enforcement action that would require Stone Container Company to install the necessary interlocks to prevent a recurrence of this problem. The action also seeks to impose substantial fines for this incident. A copy of your letter is

Mr. Loren D. Evenson
Page Three
May 28, 1987

being forwarded to Ms. Carolyn Salmon in our Northwest District office. She will include it in the file for this case.

Please be assured that the Department does not take your concerns about air pollution lightly. Something is being done to address the issues that you have written about. Thank you for writing to Secretary Twachtmann. If you need additional information or wish to file a formal air pollution complaint, please call Mr. Ed Middleswart, the Department's District Air Engineer for the Northwest District in Pensacola, at (904)436-8364.

Sincerely,



Steve Smellwood, P.E.
Chief
Bureau of Air Quality
Management

SS/MH/s

cc: D. Twachtmann
H. Rhodes
E. Middleswart
M. Elligett
C. Salmon

April 29, 1987

Director
Department of Environmental Regulation
State of Florida
Tallahassee, FL 32301

Reference: Stone Container Co. & Arizona Chemical Co.
Panama City, Florida

Dear Sir:

As a resident of Parker, Florida, a small community near the above referenced commercial facilities, I am becoming increasingly concerned by emissions of a polluting and harmful nature emanating from these two facilities. Over the past several years the ownership of the "paper mill" has changed but emissions have not, and for purposes of identification in this letter I will refer to the facility in question as the "paper mill" notwithstanding current or previous ownership.

The emissions from the two referenced facilities are in question in my mind in that instead of becoming less offensive they seem to be worsening. At times they approach conditions which could very easily induce nausea even when one is 3 to 4 miles from the facilities. Over 30 years ago I grew up in a paper mill town on the West Coast and have seen improvements made to those facilities which made them a facility no longer a blight on the community.

Specifically and to the purpose of my letter. I respectfully request the following data:

- A copy of the last DER report of environmental compliance by the two facilities in question. I can only assume at this point that they have been judged by DER as being in compliance since I am not aware of any major changes underway to correct deficiencies.

- If my assumption stated above is not correct, what deficiencies exist which are not in compliance with DER statutes/regulations? What actions are being taken and under what timetable to correct these deficiencies? What penalties will accrue to the facilities if timely corrective action is not completed?

As I stated at the outset of this letter, I am concerned by the "stench" generated by these two facilities and my concerns stem from the following observations/thoughts:

- Anything that smells as bad as emissions from the "paper mill" and Arizona Chemical certainly can not be deemed normal and healthy.

- A recent lime emission which covered surrounding areas with a coating of white was treated lightly by local officials who apparently have a long standing "lets not make waves" attitude.

RECEIVED

MAY 1 1987

Office of the Secretary

DER
MAY 5 1987
BAQM

- Knowing that facilities such as these can and have been made environmentally tolerable, why are the two facilities in question allowed to continue pumping tons of pollutants into the atmosphere? We have laws in our state which restricts smoking in certain places to protect the health of our citizens, why then are the emissions of the two facilities in question taken so lightly and not given closer scrutiny?

Your assistance and response are respectfully requested and will be appreciated.

Sincerely

A handwritten signature in cursive script, appearing to read "Loren D. Evenson". The signature is fluid and extends to the right with a long horizontal stroke.

Loren D. Evenson
5121 N. Lakewood Drive
Panama City, FL 32404