Golder Associates Inc.

6241 NW 23rd Street, Suite 500
Gainesville, FL 32653-1500
Telephone (352) 336-5600
Fax (352) 336-6603

Golder Associates

TRANSMITTAL LETTER

To:
Mr. Bruce Mitchell
FDEP - Tallahassee

Date: 7/29/99
Project No.: 9937518-0100

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BUREAU OF AIR REGULATION

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Per:

Quantity	Item	Description
1	Stone Container Corp. - Permit Application for Pulp Production Capacity Revision	GBC bound

Remarks:

Please find attached, a copy as requested by Rick Blackburn, FDEP/Pensacola.

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BUREAU OF AIR REGULATION

PERMIT APPLICATION FOR
PULP PRODUCTION CAPACITY REVISION
STONE CONTAINER CORPORATION
PANAMA CITY, FLORIDA

Prepared for:

Stone Container Corporation

One Everitt Avenue

Panama City, Florida 32402

Prepared by:

Golder Associates Inc.

6241 NW 23rd Street, Suite 500

Gainesville, Florida 32653

July 1999

9937518

DISTRIBUTION:

7 Copies - Stone Container Corporation

2 Copies - Golder Associates

Department of
Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

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

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name:	**Stone Container Corporation**
2. Site Name:	**Panama City Mill**
3. Facility Identification Number: **0050009**	[ ] Unknown
4. Facility Location Information: Street Address or Other Locator: **One Everitt Avenue** City: **Panama City** County: **Bay** Zip Code: **32402**	
5. Relocatable Facility? [ ] Yes [x] No	6. Existing Permitted Facility? [x] Yes [ ] No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:

Jack B. Prescott, General Manager

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: **Stone Container Corporation**
Street Address: **One Everitt Avenue**
City: **Panama City** State: **FL** Zip Code: **32402**

3. Owner/Authorized Representative or Responsible Official Telephone Numbers:

Telephone: **(850) 785-4311** Fax: **(850) 763-6290**

4. Owner/Authorized Representative or Responsible Official Statement:

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*

_____ _____

Signature Date

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID		Description of Emissions Unit	Permit Type
Unit #	Unit ID		
1		Pulping Area General	AC1A
2R		Pulping System - MACT I	AC1A
3R		Condensate Stripper/Thermal Oxidizer	AC1A
4R	005	Lime Slaker	AC1A
5R		Methanol Storage Tank	AC1A
6		Chemical Recovery Area	AC1A
7		Paper Making/Warehousing	AC1A

See individual Emissions Unit (EU) sections for more detailed descriptions.
Multiple EU IDs indicated with an asterisk (*). Regulated EU indicated with an "R".

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain:

[ ] Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

[ ] Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

[ ] Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

[ ] Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be renewed: _____

[ ] Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

_____

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

Operation permit to be revised: _____

Reason for revision: _____

_____

Category II: All Air Construction Permit Applications Subject to Processing Under Rule 62-210.300(2)(b),F.A.C.

This Application for Air Permit is submitted to obtain:

[ ] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): _____

_____

[ ] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

[ ] Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g.; to address one or more newly constructed or modified emissions units.

Operation permit to be revised: _____

Reason for revision: _____

_____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units.

This Application for Air Permit is submitted to obtain:

[x] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: _____

See Attachment A

[ ] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): _____

_____

[ ] Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

[X] Attached - Amount: $ **$ 250.00** [ ] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

This application is for a revision of the maximum pulp production capacity of the mill for PSD purposes from 668,850 TPY ADUP to 781,000 TPY ADUP.

2. Projected or Actual Date of Commencement of Construction :

1 Sep 1999

3. Projected Date of Completion of Construction :

1 Sep 1999

Professional Engineer Certification

1. Professional Engineer Name: **David A. Buff**
   Registration Number: **19011**

2. Professional Engineer Mailing Address:
   Organization/Firm: **Golder Associates, Inc.**
   Street Address: **6241 NW 23rd Street, Suite 500**
   City: **Gainesville** State: **FL** Zip Code: **32653-1500**

3. Professional Engineer Telephone Numbers:
   Telephone: **(352) 336-5600** Fax: **(352) 336-6603**

4. Professional Engineer's Statement:

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

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

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

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

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

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

David A. Buff — Signature (seal)

7/21/99 — Date

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact:
   L. David Riley, Jr., Environmental Superintendent

2. Application Contact Mailing Address:

   Organization/Firm: **Stone Container Corporation**
   Street Address: **One Everitt Avenue**
   City: **Panama City** State: **FL** Zip Code: **32402**

3. Application Contact Telephone Numbers:

   Telephone: **(850) 785-4311** Fax: **(850) 785-4311**

Application Comment

Telephone Ext. = 257; Fax Ext. = 259.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates:
   Zone: **16** East (km): **632.8** North (km): **3335.1**

2. Facility Latitude/Longitude:
   Latitude (DD/MM/SS): **30 / 8 / 30** Longitude: (DD/MM/SS): **85 / 37 / 25**

3. Governmental Facility Code:	4. Facility Status Code:	5. Facility Major Group SIC Code:	6. Facility SIC(s):
0	**A**	**26**	**2611, 2621**

7. Facility Comment (limit to 500 characters):
   This facility is in the kraft paper and bleached paper grade subcategories of pulp and paper industry.

Facility Contact

1. Name and Title of Facility Contact:
   L. David Riley, Environmental Superintendent

2. Facility Contact Mailing Address:
   Organization/Firm: **Stone Container Corporation**
   Street Address: **One Everitt Avenue**
   City: **Panama City** State: **FL** Zip Code: **32402**

3. Facility Contact Telephone Numbers:
   Telephone: **(850) 785-4311** Fax: **(850) 763-6290**

Facility Regulatory Classifications

1. Small Business Stationary Source? [ ] Yes [X] No [ ] Unknown
2. Title V Source? [X] Yes [ ] No
3. Synthetic Non-Title V Source? [ ] Yes, [X] No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? [X] Yes [ ] No
5. Synthetic Minor Source of Pollutants Other than HAPs? [ ] Yes [X] No
6. Major Source of Hazardous Air Pollutants (HAPs)? [X] Yes [ ] No
7. Synthetic Minor Source of HAPs? [ ] Yes [X] No
8. One or More Emissions Units Subject to NSPS? [X] Yes [ ] No
9. One or More Emissions Units Subject to NESHAP? [X] Yes [ ] No
10. Title V Source by EPA Designation? [ ] Yes [X] No
11. Facility Regulatory Classifications Comment (limit to 200 characters):

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-210.700(1) - Excess Emissions
62-210.700(4) - Excess Emissions
62-210.700(5) - Excess Emissions
62-210.700(6) - Excess Emissions
62-296.320(4)(b) - General VE limit
62-296.404(2)(b) - VE Wet Scrubber Exception
See Attachment SCC-FI-B, Title V Core List, Effective 3/25/97

ATTACHMENT SCC-FI-B

TITLE V CORE LIST

Title V Core List

Effective:03/25/97

[Note: The Title V Core List is intended to simplify the completion of the "List of Applicable Regulations" that apply facility-wide (see Subsection II.B. of DEP Form No. 62-210.900(1), Application for Air Permit - Long Form. The Title V Core List is a list of rules to which all Title V Sources are presumptively subject. The Title V Core List may be referenced in its entirety, or with specific exceptions. The Department may periodically update the Title V Core List.

Requirements that apply to emissions units must be identified in Subsection III.B. of DEP Form No. 62-210.900(1), Application for Air Permit - Long Form.

Applicants must identify all "applicable requirements" in order to claim the "permit shield" described at Rule 62-213.460, F.A.C.]

Federal: ***(description)***

~~40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)~~
40 CFR 61, Subpart M: NESHAP for Asbestos.
40 CFR 64; Compliance Assurance Monitoring
~~40 CFR 82: Protection of Stratospheric Ozone.~~
~~40 CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC).~~
40 CFR 82, Subpart F: Recycling and Emissions Reduction.

State: ***(description)***

CHAPTER 62-4, F.A.C.: PERMITS, effective 10-16-95

62-4.030, F.A.C.: General Prohibition.
62-4.040, F.A.C.: Exemptions.
62-4.050, F.A.C.: Procedure to Obtain Permits; Application
62-4.060, F.A.C.: Consultation.
62-4.070, F.A.C.: Standards for Issuing or Denying Permits; Issuance; Denial.
62-4.080, F.A.C.: Modification of Permit Conditions.
62-4.090, F.A.C.: Renewals.
62-4.100, F.A.C.: Suspension and Revocation.
62-4.110, F.A.C.: Financial Responsibility.
62-4.120, F.A.C.: Transfer of Permits.
62-4.130, F.A.C.: Plant Operation - Problems.
62-4.150, F.A.C.: Review
62-4.160, F.A.C.: Permit Conditions.
62-4.210, F.A.C.: Construction Permits.
62-4.220, F.A.C.: Operation Permit for New Sources.

CHAPTER 62-103, F.A.C.: RULES OF ADMINISTRATIVE PROCEDURE, effective 12-31-95

62-103.150, F.A.C.: Public Notice of Application and Proposed Agency Action.
62-103.155, F.A.C.: Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding

CHAPTER 62-210, F.A.C.: STATIONARY SOURCES - GENERAL REQUIREMENTS,

effective 03-21-96

62-210.300, F.A.C.: Permits Required.
62-210.300(1), F.A.C.: Air Construction Permits.
62-210.300(2), F.A.C.: Air Operation Permits.
62-210.300(3), F.A.C.: Exemptions.
62-210.300(3)(a), F.A.C.: Full Exemptions.
62-210.300(3)(b), F.A.C.: Temporary Exemption.

62-210.300(5), F.A.C.: Notification of Startup.
62-210.300(6), F.A.C.: Emissions Unit Reclassification.

62-210.350, F.A.C.: Public Notice and Comment.
62-210.350(3), F.A.C.: Additional Public Notice Requirements for Sources Subject to Operation Permits for Title V Sources.

62-210.360, F.A.C.: Administrative Permit Corrections.

62-210.370(3), F.A.C.: Annual Operating Report for Air Pollutant Emitting Facility.

62-210.650, F.A.C.: Circumvention.

62-210.900, F.A.C.: Forms and Instructions.
62-210.900(1) Application for Air Permit - Long Form, Form and Instructions.
62-210.900(5) Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions.

CHAPTER 62-213, F.A.C.: OPERATION PERMITS FOR MAJOR SOURCES OF AIR POLLUTION, effective 03-20-96

62-213.205, F.A.C.: Annual Emissions Fee.
62-213.400, F.A.C.: Permits and Permit Revisions Required.
62-213.410, F.A.C.: Changes Without Permit Revision.
62-213.412, F.A.C.: Immediate Implementation Pending Revision Process.
62-213.420, F.A.C.: Permit Applications.
62-213.430, F.A.C.: Permit Issuance, Renewal, and Revision.
62-213.440, F.A.C.: Permit Content.
62-213.460, F.A.C.: Permit Shield.

62-213.900, F.A.C.: Forms and Instructions.
62-213.900(1) Major Air Pollution Source Annual Emissions Fee Form, Form and Instructions.

~~**CHAPTER 62-256, F.A.C.: OPEN BURNING AND FROST PROTECTION FIRES,** effective~~

~~11-30-94~~

CHAPTER 62-257, F.A.C: ASBESTOS NOTIFICATION AND FEE, effective 03/24/96

CHAPTER 62-281, F.A.C: MOTOR VEHICLE AIR CONDITIONING REFRIGERANT RECOVERY AND RECYCLING, effective 03-07-96

CHAPTER 62-296, F.A.C.: STATIONARY SOURCES - EMISSION STANDARDS, effective 03-13-96

62-296.320(2), F.A.C.: Objectionable Odor Prohibited.
62-296.320(3), F.A.C.: Industrial, Commercial, and Municipal Open Burning Prohibited
62-296.320(4)(c), F.A.C.: Unconfined Emissions of Particulate Matter

9937503Y/F1/WP/core.lst

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted		2. Pollutant Classification
PM	Particulate Matter - Total	A
PM10	Particulate Matter - PM10	A
SO2	Sulfur Dioxide	A
NOx	Nitrogen Oxides	A
CO	Carbon Monoxide	A
VOC	Volatile Organic Compounds	A
TRS	Total Reduced Sulfur	A
SAM	Sulfuric Acid Mist	A
H038	Chlorine	A
HAPS	Total Hazardous Air Pollutants	A
H001	Acetaldehyde	A
H043	Chloroform	A
H118	Methyl chloride [Chloromethane]	A
H106	Hydrochloric acid	A
H115	Methanol	A

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location:
   [X] Attached, Document ID: SCC-FI-E1
   [ ] Not Applicable [ ] Waiver Requested

2. Facility Plot Plan:
   [X] Attached, Document ID: SCC-FI-E2
   [ ] Not Applicable [ ] Waiver Requested

3. Process Flow Diagram(s):
   [X] Attached, Document ID(s): SCC-FI-E3
   [ ] Not Applicable [ ] Waiver Requested

4. Precautions to Prevent Emissions of Unconfined Particulate Matter:
   [ ] Attached, Document ID: _____
   [X] Not Applicable [ ] Waiver Requested

5. Fugitive Emissions Identification:
   [ ] Attached, Document ID: _____
   [X] Not Applicable [ ] Waiver Requested

6. Supplemental Information for Construction Permit Application:
   [X] Attached, Document ID: Attachment A
   [ ] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities:
   [ ] Attached, Document ID: _____
   [ ] Not Applicable

8. List of Equipment/Activities Regulated under Title VI:
   [ ] Attached, Document ID: _____
   [ ] Equipment/Activities On site but Not Required to be Individually Listed
   [ ] Not Applicable

9. Alternative Methods of Operation:
   [ ] Attached, Document ID: _____
   [ ] Not Applicable

10. Alternative Modes of Operation (Emissions Trading):
    [ ] Attached, Document ID: _____
    [ ] Not Applicable

11. Identification of Additional Applicable Requirements:
[ ] Attached, Document ID: _____
[ ] Not Applicable

12. Compliance Assurance Monitoring Plan:
[ ] Attached, Document ID: _____
[ ] Not Applicable

13. Risk Management Plan Verification:

[ ] Plan Submitted to Implementing Agency - Verification Attached
Document ID: _____

[ ] Plan to be Submitted to Implementing Agency by Required Date

[ ] Not Applicable

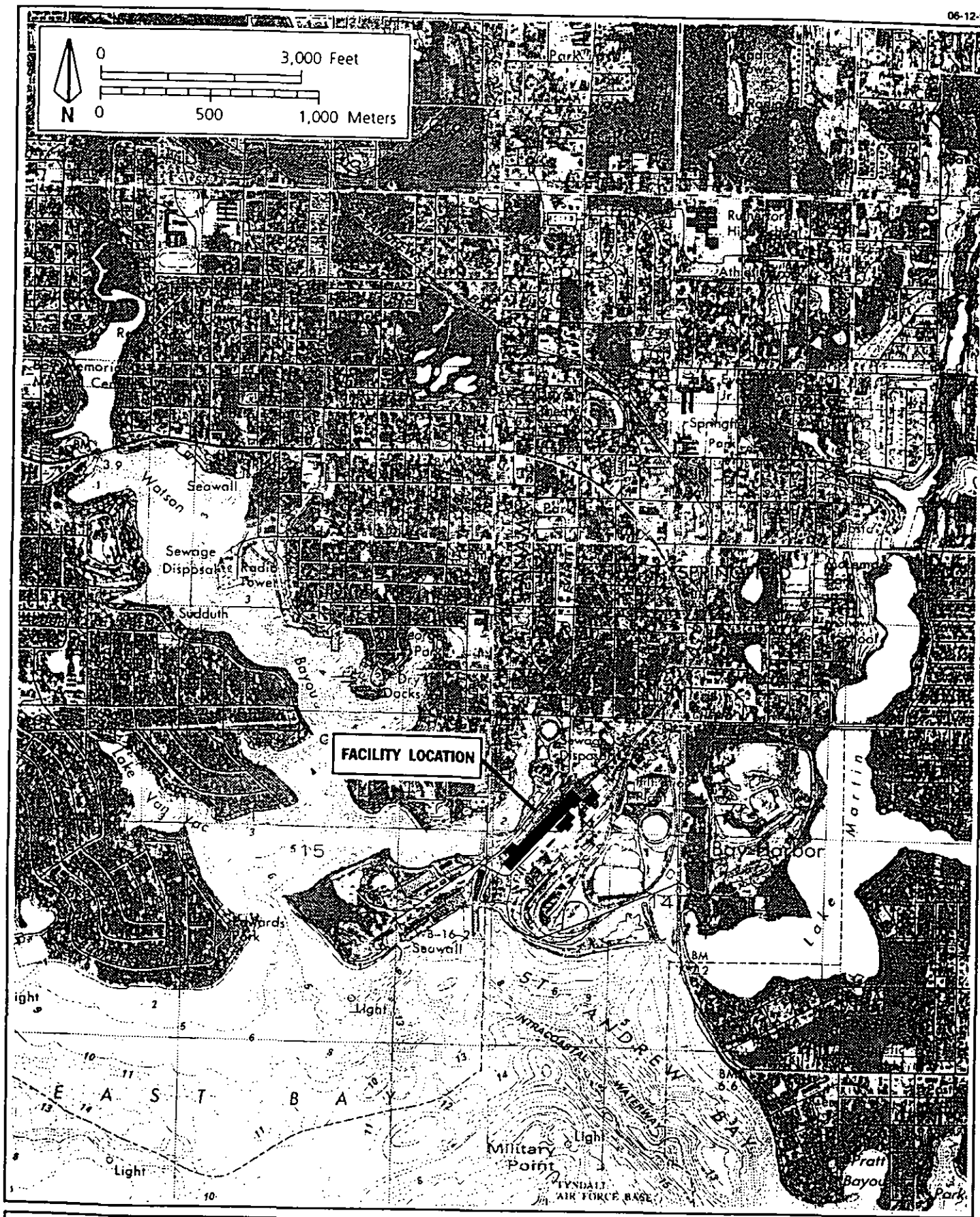
14. Compliance Report and Plan
[ ] Attached, Document ID: _____
[ ] Not Applicable

15. Compliance Statement (Hard-copy Required)
[ ] Attached, Document ID: _____
[ ] Not Applicable

ATTACHMENT SCC-FI-E1

AREA MAP

06-12-96

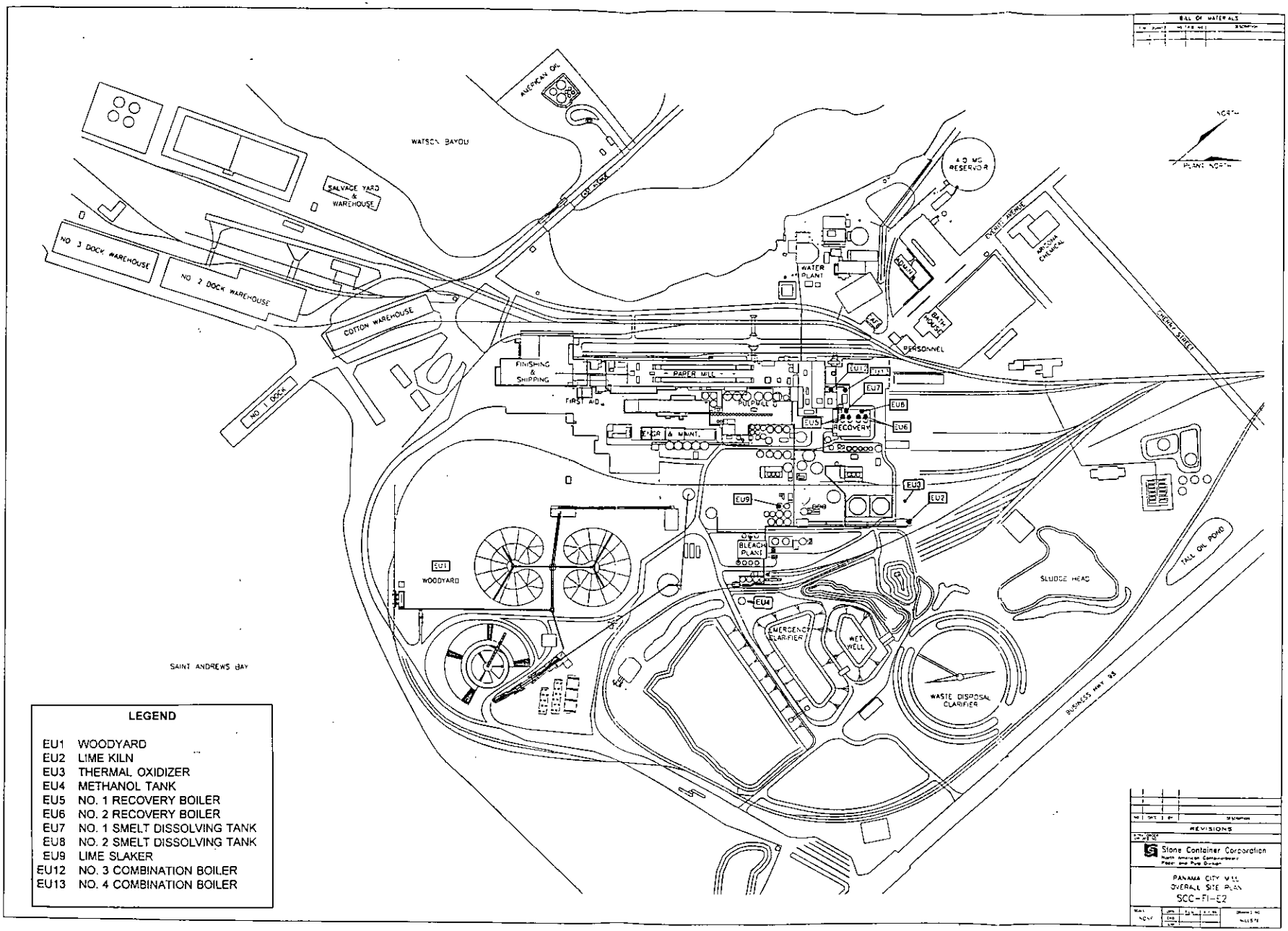


Attachment SCC-FI-E1
Area Map
Stone Container Corporation
Panama City Mill

Golder Associates

ATTACHMENT SCC-FI-E2

FACILITY PLOT PLAN



LEGEND

EU1	WOODYARD
EU2	LIME KILN
EU3	THERMAL OXIDIZER
EU4	METHANOL TANK
EU5	NO. 1 RECOVERY BOILER
EU6	NO. 2 RECOVERY BOILER
EU7	NO. 1 SMELT DISSOLVING TANK
EU8	NO. 2 SMELT DISSOLVING TANK
EU9	LIME SLAKER
EU12	NO. 3 COMBINATION BOILER
EU13	NO. 4 COMBINATION BOILER

BILL OF MATERIALS

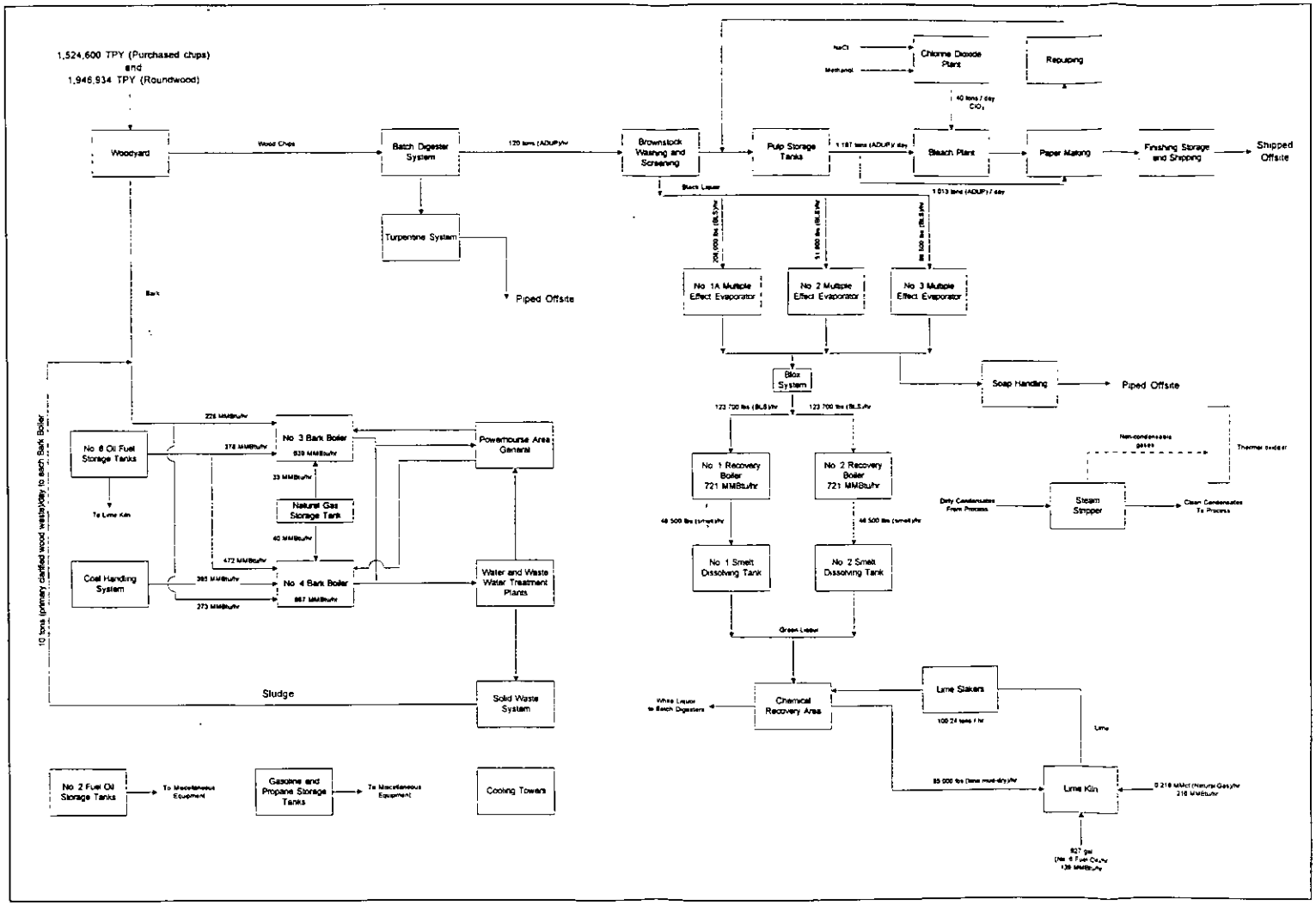
REVISIONS

Stone Container Corporation
North American Containerboard
Paper and Pulp Division

PANAMA CITY MILL
OVERALL SITE PLAN
SCC-FI-E2

ATTACHMENT SCC-FI-E3

PROCESS FLOW DIAGRAM



Stone Container Corporation		Emission Unit	Overall Plant	
		Process Area	Overall Plant	
SCC-FI-E3	Panama City, FL	Filename	SCC-FAC2.VSD	
		Latest Revision Date:	7/21/99	10:36 AM

Golder Associates

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[ ] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[X] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[ ] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Pulping Area General**		
2. Emissions Unit Identification Number: [X] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: **A**	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters): **See Attachment SCC-EU1-B6**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Pulp and Paper and Wood Products, Sulfate (Kraft) Pulping Washer/Screens**	
2. Source Classification Code (SCC): **3-07-001-02**	
3. SCC Units: **Tons Air-Dried Unbleached Pulp Produced**	
4. Maximum Hourly Rate: **120**	5. Maximum Annual Rate: **781,000**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters): **Based on proposed maximum permitted batch digester rates.**	

Segment Description and Rate: Segment _____ of _____

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

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
VOC			NS
HAPS			NS
H001			NS
H115			NS
TRS			NS

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[X] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	This emission unit is not expected to emit SO2 or NO2.			

ATTACHMENT SCC-EU1-B6

EMISSION UNIT COMMENT

ATTACHMENT SCC-EU1-B6
EMISSION UNIT COMMENT

Pulping Area General

Digesting Area:
- Uncapping digesters
- Chip and liquor loading systems
- Chemical additive tanks
- Liquor tanks
- Drains

Brownstock Washing:
- Brownstock washlines with associated filtrate tanks, foam tanks, and hydraulic systems
- Reject Tanks
- Chemical additive tanks

Brownstock Screening:
- Brownstock screening systems with associated tanks
- White water tanks
- Deckers
- Brownstock storage chests
- Washed stock storage chests
- Chemical additive tanks

Pulp Storage Tanks:
- Unbleached low density pulp storage tanks
- Unbleached high density pulp storage tanks
- Bleached low density pulp storage tanks
- Bleached high density pulp storage tanks

Building ventilation

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[X] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Pulping System - MACT I**		
2. Emissions Unit Identification Number: [ ] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: **C**	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters): **See Attachment SCC-EU2-B6**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):

Process Enclosed

2. Control Device or Method Code: **54**

B.

1. Description (limit to 200 characters):

Direct Flame Afterburner - TRS/HAP/VOC destruction in the Lime Kiln or Thermal Oxidizer.

2. Control Device or Method Code: **21**

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:	
2. Long-term Reserve Shutdown Date:	
3. Package Unit: Manufacturer:	Model Number:
4. Generator Nameplate Rating:	MW
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	 °F seconds °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:	120	TPH ADUP
5. Operating Capacity Comment (limit to 200 characters): **NCGs from the Pulping System - MACT I sources are combusted in the lime kiln or thermal oxidizer. Max annual production = 781,000 TPY ADUP.**		

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:			
	24 hours/day	7	days/week
	52 weeks/yr	8,760	hours/yr

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-296.404(3)(a)1. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(3)(a)3. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(a) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(b) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(c)3. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(c)4. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(d) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
63.443(a)(1)(i) MACT Standards - LVHC system
63.443(c) MACT Standards - Closed Vent Systems
63.443(d)(3) MACT Standards - HAP Reduction in Thermal Oxidizer
63.443(d)(4) MACT Standards - HAP Reduction in Lime Kiln
63.443(e) MACT Standards - Excess Emissions
63.443(m) MACT Standards - Monitoring
63.446(b) MACT Standards - Pulping Process Condensates
63.446(c) MACT Standards - Pulping Process Condensates
63.446(d) MACT Standards - Pulping Process Condensates
63.446(e)(5) MACT Standards - Pulping Process Condensates
63.446(h) MACT Standards - Pulping Process Condensates
63.450 MACT Standards - Closed Vent Systems
63.453(b) MACT Standards - Monitoring-Thermal Oxidizers
63.453(i) MACT Standards - Monitoring Condensates
63.453(k) MACT Standards - Monitoring-Closed Vent Systems
63.453(l) MACT Standards - Monitoring-Condensate Closed Collection
63.453(m) MACT Standards - CMS for Alternatives
63.453(n) MACT Standards - Monitoring-Parameter Monitoring
63.453(o) MACT Standards - Operating Parameter Ranges
63.454 MACT Standards - Recordkeeping
63.454(a) MACT Standards - Recordkeeping
63.454(b) MACT Standards - Inspection Plan
63.455 MACT Standards - Reporting
63.455(a) MACT Standards - Reporting
63.457 - Test Methods and Procedures
63.962 MACT Standards - Subpart RR - Individual Drains
63.964 MACT Standards - Subpart RR - Individual Drains
See Attachment SCC-EU2-D

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

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: **EU3**
2. Emission Point Type Code: [ ] 1 [x] 2 [ ] 3 [ ] 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **This Emissions Unit vents to both the Lime Kiln and the Condensate Stripper/Thermal Oxidizer.**
5. Discharge Type Code: [ ] D [ ] F [ ] H [ ] P [ ] R [x] V [ ] W
6. Stack Height: **61** feet
7. Exit Diameter: **8** feet
8. Exit Temperature: **167** °F

9. Actual Volumetric Flow Rate:	**117,112** acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters): **Stack Height = 60.5 ft (rounded to 61 ft). Stack parameters presented are for the lime kiln stack. Emissions may also be exhausted through the thermal oxidizer stack as a backup to the Kiln.**	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):

   Pulp and Paper and Wood Products, Sulfate (Kraft) Pulping, Digester Relief and Blow Tank: General

2. Source Classification Code (SCC):

   3-07-001-01

3. SCC Units:

   Tons Air-Dried Unbleached Pulp Produced

4. Maximum Hourly Rate:	5. Maximum Annual Rate:
120	**781,000**

6. Estimated Annual Activity Factor:

7. Maximum Percent Sulfur:	8. Maximum Percent Ash:

9. Million Btu per SCC Unit:

10. Segment Comment (limit to 200 characters):

    Max annual rate based on proposed permit limit.

Segment Description and Rate: Segment 2 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Pulp and Paper and Wood Products, Sulfate (Kraft) Pulping, Multiple Effect Evaporator: General**
2. Source Classification Code (SCC): **3-07-001-03**
3. SCC Units: **Tons Air-Dried Unbleached Pulp Produced**

4. Maximum Hourly Rate: **112.3**	5. Maximum Annual Rate: **983,858**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	

10. Segment Comment (limit to 200 characters): **See Attachment SCC-EU2-F10**

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
TRS	054	021	EL
HAPS	054	021	WP

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **TRS**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: 0 lb/hour 0 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [x] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): **See comment**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): **TRS emissions from Pulping System-MACT I sources arecombusted in the Lime Kiln or the proposed Thermal Oxidizer. These emissions are accounted for in other emission units(Condensate Stripper/Thermal Oxidizer & Lime Kiln).**

Emissions Unit Information Section 2 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: **RULE**		
2. Future Effective Date of Allowable Emissions: **15 Apr 2001**		
3. Requested Allowable Emissions and Units: **See Comment**		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): **Thermal Oxidizer operating parameters.**		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): **Combustion in lime kiln or thermal oxidizer per 40 CFR 63.443(d)(3) and (4).**		

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **HAPS**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0** lb/hour **0** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [**X**] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): **See comment**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): **HAP emissions from Pulping System-MACT I sources are combusted in the Lime Kiln or the proposed Thermal Oxidizer. These emissions are accounted for in other emission units(Steam Stripper & Lime Kiln)**

Emissions Unit Information Section 2 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: **RULE**		
2. Future Effective Date of Allowable Emissions: **15 Apr 2001**		
3. Requested Allowable Emissions and Units: **See Comment**		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): **Thermal Oxidizer operating parameters.**		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): **Combustion in lime kiln or thermal oxidizer per 40 CFR 63.443(d)(3) and (4).**		

B.

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

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 1 of 1

1. Parameter Code: TEMP	2. Pollutant(s):
3. CMS Requirement: [X] Rule [ ] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): **For Thermal Oxidizer: Temperature of the firebox or the duct work immediately following the firebox as specified in 63.453(b).**	

Continuous Monitoring System Continuous Monitor _____ of _____

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

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [ ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[ ] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	All emissions vented through Lime Kiln or Thermal Oxidizer.			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1.	Process Flow Diagram	
	[X] Attached, Document ID: SCC-EU2-L1	
	[ ] Not Applicable	[ ] Waiver Requested
2.	Fuel Analysis or Specification	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
3.	Detailed Description of Control Equipment	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
4.	Description of Stack Sampling Facilities	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
5.	Compliance Test Report	
	[ ] Attached, Document ID: _____	[X] Not Applicable
	[ ] Previously Submitted, Date: _____	
6.	Procedures for Startup and Shutdown	
	[ ] Attached, Document ID: _____	[X] Not Applicable
7.	Operation and Maintenance Plan	
	[ ] Attached, Document ID: _____	[X] Not Applicable
8.	Supplemental Information for Construction Permit Application	
	[X] Attached, Document ID: Attachment A	[ ] Not Applicable
9.	Other Information Required by Rule or Statute	
	[ ] Attached, Document ID: _____	[X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation

[ ] Attached, Document ID: _____ [ ] Not Applicable

11. Alternative Modes of Operation (Emissions Trading)

[ ] Attached, Document ID: _____ [ ] Not Applicable

12. Identification of Additional Applicable Requirements

[ ] Attached, Document ID: _____ [ ] Not Applicable

13. Compliance Assurance Monitoring Plan

[ ] Attached, Document ID: _____ [ ] Not Applicable

14. Acid Rain Permit Application (Hard Copy Required)

[ ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))
Attached, Document ID: _____

[ ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)
Attached, Document ID: _____

[ ] New Unit Exemption (Form No. 62-210.900(1)(a)2.)
Attached, Document ID: _____

[ ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)
Attached, Document ID: _____

[ ] Not Applicable

ATTACHMENT SCC-E2-B6

EMISSION UNIT COMMENT

ATTACHMENT SCC-EU2-B6
EMISSIONS UNIT COMMENT

This emissions unit consists of the Batch Digester System (ARMS No. 027) and the Nos. 1A, 2, and 3 MEE systems (ARMS No. 026). These are vented to the Lime Kiln (ARMS No. 004) for incineration. The batch digester system consists of 22 batch digesters, 5 blow tanks, primary and secondary condensers, an accumulator tank, and a turpentine recovery system (decanter, condenser, and storage tank). Nos. 1A, 2, and 3 MEE systems include three four-stage MEEs and the associated condensers, Nos. 1A, 2, 3 hot wells, and concentrators. A new foul condensate tank will be added.

All of these sources will be collected in the low volume high concentration (LVHC) noncondensable gas (NCG) collection system and sent to the lime kiln (ARMS No. 004) as the primary destruction device, or the thermal oxidizer as the backup destruction device.

ATTACHMENT SCC-EU2-C5

OPERATING CAPACITY COMMENT

ATTACHMENT SCC-EU2-C5
OPERATING CAPACITY COMMENT

MAXIMUM PROCESS/THROUGHPUT RATE

Total MEE System: 359,400 lbs (BLS)/hr*

No. 1A MEE System: 208,000 lbs (BLS)/hr*

No. 2 MEE System: 51,900 lbs (BLS)/hr*

No. 3 MEE System: 99,500 lbs (BLS)/hr*

MAXIMUM PRODUCTION RATE

Batch Digester System:

120 tons (ADUP)/hr and 781,000 tons (ADUP)/yr

* Maximum Rates for PSD, NSPS, and testing purposes.

ATTACHMENT SCC-EU2-D

LIST OF APPLICABLE REGULATIONS

Specific Emissions Unit Name (ID): Batch Digesting Process Area-Permitted (NS (Digester))
Facility Name(ID): Stone Container Corporation (10-PCY-03-0009)

Rule Number	PA/A	Rule Title/Summary	Applicability Comment
40CFR60.11(a) 62-296	A	Compliance with standards and maintenance requirements.: Compliance with standards in this part, other than opacity standards, shall be	
40CFR60.11(d) 62-296	A	Compliance with standards and maintenance requirements.: At all times, including periods of startup, shutdown, and malfunction, owners	
40CFR60.11(f) 62-296	A	Compliance with standards and maintenance requirements.: Special provisions set forth under an applicable subpart of this part shall	
40CFR60.12 62-296	A	Circumvention.: No owner or operator subject to the provisions of this part shall	
40CFR60.13(a) 62-296	A	Monitoring requirements.: For the purposes of this section, all continuous monitoring systems required	
40CFR60.13(b) 62-296	A	Monitoring requirements.: All continuous monitoring systems and monitoring devices shall be installed and	
40CFR60.13(f) 62-296	A	Monitoring requirements.: All CMS or monitoring devices shall be installed such that representative	
40CFR60.19 62-296	A		

Specific Emissions Unit Name (ID): Batch Digesting Process Area-Permitted (NS (Digester))
Facility Name(ID): Stone Container Corporation (10-PCY-03-0009)

Rule Number	PA/A	Rule Title/Summary	Applicability Comment
40CFR60.283(a)(1)(iii) 62-296 Applicability Date: 9/24/76	A	Standard for total reduced sulfur (TRS).: Combustion in an incinerator or other device, or combusted in a lime kiln or recovery furnace not subject to the provisions of this subpart, and are subjected to a minimum temperature to	
40CFR60.7 62-296	A	Notification and record keeping.:	
40CFR60.8 62-296	A	Performance tests.:	
62-204.800(7)(b)33. 62-296	A		
62-296.404(3)(a)1. 62-296	A	Kraft (Sulfate) Pulp Mills and Tall Oil Plants: TRS emissions shall be collected and incinerated in a lime kiln, or calciner, or a kraft recovery furnace, or a combustion device, or	
62-296.404(3)(a)3. 62-296	A	Kraft (Sulfate) Pulp Mills and Tall Oil Plants: TRS emissions shall not be vented to the atmosphere except in emergencies or when control device is shut down. Develop an approved contingency plan. Venting allowed for up to 10 days.	

ATTACHMENT SCC-EU2-F10

SEGMENT COMMENT

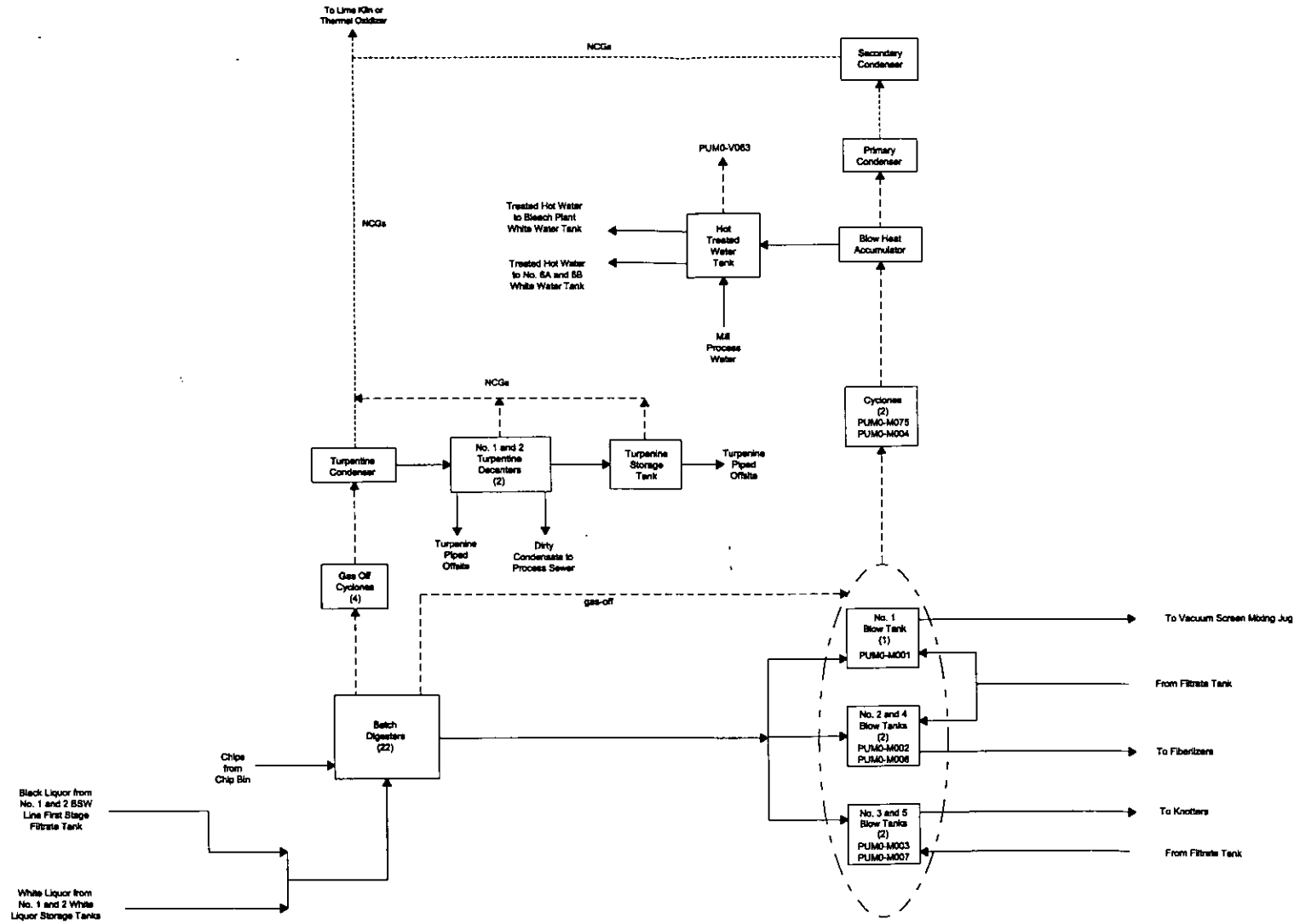
ATTACHMENT SCC-EU2-F10
SEGMENT COMMENT

SEGMENT 2

Maximum Hourly Rate is the sum of the maximum hourly rates of 208,000 lbs (BLS)/hr to the No. 1A MEE System, 51,900 lbs (BLS)/hr to the No. 2 MEE System, and 99,500 lbs (BLS)/hr to the No. 3 MEE System, divided by the conversion factor of 3,200 lbs (BLS)/ton (ADUP). Conversion factor may vary depending on grades of pulp being produced and process conditions. Maximum rates for PSD, NSPS, and testing purposes.

ATTACHMENT SCC-EU2-L1

PROCESS FLOW DIAGRAM



Process Flow Legend			
Solid/Liquid ——→	Stone Container Corp. Panama City, FL Process Flow Diagram SCC-EU2-L1	Emission Unit:	Pulping System MACT I
Gas ·····•		Process Area:	Pulping Area
		Filename:	9937518Y/F1/WP/PAGMACTI.DWG
		Latest Revision:	July 21, 1999

Golder Associates

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[X] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Condensate Stripper/Thermal Oxidizer**		
2. Emissions Unit Identification Number: [X] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: 26
6. Emissions Unit Comment (limit to 500 characters): **Emission unit consists of a Condensate Stripper to be used to treat foul condensate and condensate from the turpentine and NCG system. Stripper overhead gases will be combusted in the Thermal Oxidizer which will also be available as a backup to combust NCGs from Pulping System-MACT I sources.**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):

Thermal Oxidizer

2. Control Device or Method Code: **21**

B.

1. Description (limit to 200 characters):

Enclosure

2. Control Device or Method Code: **54**

C.

1. Description (limit to 200 characters):

Gas Scrubber

2. Control Device or Method Code: **13**

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:	
2. Long-term Reserve Shutdown Date:	
3. Package Unit: Manufacturer:	Model Number:
4. Generator Nameplate Rating:	MW
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	1,600 °F 0.75 seconds °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:			mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr		tons/day
3. Maximum Process or Throughput Rate:		500	GPM
4. Maximum Production Rate:	500	GPM	
5. Operating Capacity Comment (limit to 200 characters):			

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:

24	hours/day	7	days/week
52	weeks/yr	8,760	hours/yr

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

40CFR60.283(a)(1)iii NSPS for Total Reduced Sulfur from Kraft Pulping
40CFR60.284(b)(1) Monitoring of Emissions and Operations
62-296.401(1) Incinerators
62-296.404(3)(a)1. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(3)(a)3. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(3)(f) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(3)(f) Other Combustion Devices
62-296.404(4)(e) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(4)(f) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(5)(c) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(a) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(b) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(c)3. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(c)4. Kraft (Sulfate) Pulp Mills and Tall Oil Plants
62-296.404(6)(d) Kraft (Sulfate) Pulp Mills and Tall Oil Plants
63.443(a)(1)(i) MACT Standards - LVHC system
63.443(c) MACT Standards - Closed Vent Systems
63.443(d)(3) MACT Standards - HAP Reduction in a Thermal Oxidizer
63.443(e) MACT Standards - Excess Emissions
63.446(b) MACT Standards - Pulping Process Condensates
63.446(c) MACT Standards - Pulping Process Condenstates
63.446(d) MACT Standards - Pulping Process Condensates
63.446(e)(5) MACT Standards - Pulping Process Condensates
63.446(h) MACT Standards - Pulping Process Condensates
63.450 MACT Standards - Closed Vent Systems
63.453(g) Monitoring - Steam Stripper
63.453(i) MACT Standards - Monitoring Condensates
63.453(k) MACT Standards - Monitoring-Closed Vent Systems
63.453(l) MACT Standards - Monitoring-Condensate Closed Collection
63.453(m) MACT Standards - CMS for Alternatives
63.453(n) MACT Standards - Monitoring-Parameter Monitoring
63.453(o) MACT Standards - Operating Parameter Ranges
63.454 MACT Standards - Recordkeeping
63.455 MACT Standards - Reporting
63.457 - Test Methods and Procedures
63.962 MACT Standards - Subpart RR - Individual Drains
63.964 MACT Standards - Subpart RR - Individual Drains

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

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:
2. Emission Point Type Code: [x] 1 [ ] 2 [ ] 3 [ ] 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **Condensate Stream Stripper & Pulping System-MACT I both can vent to the Thermal Oxidizer**
5. Discharge Type Code: [ ] D [ ] F [ ] H [ ] P [ ] R [x] V [ ] W
6. Stack Height: **120** feet
7. Exit Diameter: **3** feet
8. Exit Temperature: **169** °F

9. Actual Volumetric Flow Rate:		acfm
10. Percent Water Vapor:		%
11. Maximum Dry Standard Flow Rate:	**9,000**	dscfm
12. Nonstack Emission Point Height:		feet
13. Emission Point UTM Coordinates:		
Zone:	East (km):	North (km):
14. Emission Point Comment (limit to 200 characters):		

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Sulfate (Kraft) Pulping - Other Not Classified**
2. Source Classification Code (SCC): **3-07-001-99**
3. SCC Units: **Tons Air-Dried Unbleached Pulp Produced**

4. Maximum Hourly Rate:	5. Maximum Annual Rate:
120	**781,000**

6. Estimated Annual Activity Factor:

7. Maximum Percent Sulfur:	8. Maximum Percent Ash:

9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters): **Max. annual rate based on proposed permit limit.**

Segment Description and Rate: Segment 2 of 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Miscellaneous Manufacturing Industries - Incinerators - Natural gas**	
2. Source Classification Code (SCC): **3-99-900-13**	
3. SCC Units: **Million Cubic Feet Burned**	
4. Maximum Hourly Rate: **0.01**	5. Maximum Annual Rate: **89**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: **1,000**	
10. Segment Comment (limit to 200 characters): **Natural gas is used as a supplemental fuel. (Value listed for Max Annual Rate has been rounded down from 89.35).**	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 3 of 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **In-Process Fuel Use, Liquid Waste: General**	
2. Source Classification Code (SCC): **3-90-013-99**	
3. SCC Units: **1,000 gallons burned**	
4. Maximum Hourly Rate: **0.121**	5. Maximum Annual Rate: **1,062**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: **65**	
10. Segment Comment (limit to 200 characters): **Liquid waste represents condensate stripper off gas(methanol) being burned in the thermal oxidizer.**	

Segment Description and Rate: Segment _____ of _____

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

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
TRS	021	054	EL
SO2	013		NS
HAPs	021	054	WP

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **TRS**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0.05** lb/hour **0.22** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [**X**] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **5 ppmvd** Reference: **62-296.404(3)(f)**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **9,000 dscfm @ 18.7% O2. Correct TRS @ 18.7% O2: 5ppm [(21 - 18.7)/(21 - 10)] = 1.0 ppm. 9,000 cuft/min x 60 min/hr x 2,116.8 lbf/sqft x 1.0 cuft/10^6 x lb·mol°R/1,545 ft·lbf x 34 lbs(H2S)/kb·mol(H2S) ÷ 528 °R = 0.05 lbs (TRS as H2S)/hr. 0.05 lb/hr x 8,760 hr/yr x 1 ton/2000 lb = 0.22 TPY**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): **TRS emissions subject to work practice standards in Rule 62-296.404(3)(a).**

Emissions Unit Information Section 3 of 7

Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: **RULE**
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: **5 ppmvd**
4. Equivalent Allowable Emissions: **0.05** lb/hour **0.22** tons/year
5. Method of Compliance (limit to 60 characters): **Annual Test using EPA Method 16, 16A, or 16B**
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): **Rule 62-296.404(3)(f), F.A.C.**

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **SO2**
2. Total Percent Efficiency of Control: **92** %
3. Potential Emissions: **62.44** lb/hour **109.87** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **See Comments** Reference: **See Comments**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **See Attachment SCC-EU3-H8**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 3 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **HAPs**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **1.8** lb/hour **5.9** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **0.015 lb/ton ADUP** Reference: **NACASI Tech Bulletin**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **0.015 lb/ton ADUP x 120 ton ADUP/hr = 1.8 lb/hr; 0.015 lb/ton ADUP x 781,000 ton ADUP/yr x 1 ton/2000 lb = 5.9 TPY**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): **HAP emissions subject to work practice standards in 40 CFR 63.446(e).**

Emissions Unit Information Section 3 of 7

Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: **RULE**	
2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units: **0.75 sec@1,600 deg F**	
4. Equivalent Allowable Emissions:	**1.8** lb/hour **5.9** tons/year
5. Method of Compliance (limit to 60 characters): **Continuous Temperature Monitor**	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): **Based on 40 CFR 63.446(e)**	

B.

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

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype: VE05
2.	Basis for Allowable Opacity: [X] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: 5 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: 3 min/hour
4.	Method of Compliance: Visual Emission Testing using EPA Method 9
5.	Visible Emissions Comment (limit to 200 characters): V.E. limitation based on 62-296.401(1)(a)

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 1 of 4

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: [X] Rule [ ] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): **Condensate Stripper process wastewater feed rate specified in 63.453(g)(1). As an alt SCC may choose to measure methanol outlet concentration 63.446(e)(4) or (e)(5).**	

Continuous Monitoring System Continuous Monitor 2 of 4

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: [X] Rule [ ] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): **Condensate Stripper steam feed rate as specified in 63.453(g)(2).**	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 3 of 4

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: [X] Rule [ ] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): **Condensate Stripper process wastewater feed rate specified in 63.453(g)(1). As an alternative, SCC may choose to measure methanol outlet concentration; 63.446(e)(4) or (e)(5).**	

Continuous Monitoring System Continuous Monitor 4 of 4

1. Parameter Code: TEMP	2. Pollutant(s):
3. CMS Requirement: [X] Rule [ ] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): **Required for thermal oxidizer per 40 CFR 63.446(e)**	

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

[X] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[X] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[X] C	[ ] E	[ ] Unknown
	SO_2	[X] C	[ ] E	[ ] Unknown
	NO_2	[X] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	0 lb/hour	0 tons/year	
	SO_2	0 lb/hour	0 tons/year	
	NO_2		0 tons/year	
5.	PSD Comment (limit to 200 characters):			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1.	Process Flow Diagram	
	[X] Attached, Document ID: SCC-EU3-L1	
	[ ] Not Applicable	[ ] Waiver Requested
2.	Fuel Analysis or Specification	
	[X] Attached, Document ID: SCC-EU3-L2	
	[ ] Not Applicable	[ ] Waiver Requested
3.	Detailed Description of Control Equipment	
	[X] Attached, Document ID: SCC-EU3-L3	
	[ ] Not Applicable	[ ] Waiver Requested
4.	Description of Stack Sampling Facilities	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
5.	Compliance Test Report	
	[ ] Attached, Document ID: _____	[X] Not Applicable
	[ ] Previously Submitted, Date: _____	
6.	Procedures for Startup and Shutdown	
	[ ] Attached, Document ID: _____	[X] Not Applicable
7.	Operation and Maintenance Plan	
	[ ] Attached, Document ID: _____	[X] Not Applicable
8.	Supplemental Information for Construction Permit Application	
	[X] Attached, Document ID: Attachment A	[ ] Not Applicable
9.	Other Information Required by Rule or Statute	
	[ ] Attached, Document ID: _____	[X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10.	Alternative Methods of Operation [ ] Attached, Document ID: _____ [ ] Not Applicable
11.	Alternative Modes of Operation (Emissions Trading) [ ] Attached, Document ID: _____ [ ] Not Applicable
12.	Identification of Additional Applicable Requirements [ ] Attached, Document ID: _____ [ ] Not Applicable
13.	Compliance Assurance Monitoring Plan [ ] Attached, Document ID: _____ [ ] Not Applicable
14.	Acid Rain Permit Application (Hard Copy Required) [ ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ [ ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ [ ] New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ [ ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ [ ] Not Applicable

ATTACHMENT SCC-EU3-H8

CALCULATION OF EMISSIONS

Attachment SCC-EU3-H8. Estimated TRS and SO_2 Emission Rates for the Proposed Thermal Oxidizer, Stone Container Corporation, Panama City, Florida

NCG Source	Process Rate		TRS Emission Factor and Applicable Units	Uncontrolled TRS Emissions (lb/hr)	Uncontrolled SO_2 Emissions (4) (lb/hr)	SO_2 Control Efficiency (%)	Controlled SO_2 Emission Rate	
	tons ADUP/hr	tons ADUP/yr					lb/hr	TPY
OPERATING SCENARIO 1: DESTRUCTION OF STRIPPER NCGS AND NO LVHC SYSTEM NCGS (8,760 hr/yr)								
Condensate Stripper Overhead Gases	120	781,000	1.43 lb/ton ADUP (7)	171.6	240.24	92	19.22	62.54
OPERATING SCENARIO 2: DESTRUCTION OF CONDENSATE STRIPPER NCGS (8,760 hr/yr) AND LVHC SYSTEM NCGS (2,190 hr/yr)								
Condensate Stripper Overhead Gases	120	781,000	1.43 lb/ton ADUP (7)	171.6	240.24	92	19.22	62.54
Existing LVHC NCG Gases								
Batch Digester Blow Heat Recovery	120	781,000	1.5 lb/ton ADUP (1)	180.0	252.0	92	20.16	22.08
Nos. 1-3 Multiple Effect Evaporators	120	781,000	1 lb/ton ADUP (1)	120.0	168.0	92	13.44	14.72
Turpentine Condenser	120	781,000	0.5 lb/ton ADUP (2)(5)	60.0	120.0	92	9.60	10.51
Turpentine Decanter	–	–	0.053 lb/hr/tank (3)	0.053	0.07	92	0.0059	0.0065
Additional LVHC NCG Gases								
Turpentine Storage Tank (6)	–	–	0.053 lb/hr/tank (3)	0.053	0.074	92	0.0059	0.0065
New Foul Condensate Tank	–	–	0.053 lb/hr/tank (3)	0.053	0.074	92	0.0059	0.0065
Total				531.76	780.46		62.44	109.87

Footnotes:

(1) Kraft Pulping- Control of TRS Emissions From Existing Mills, Guideline Series, Table 5-1. EPA-450/2-78-003b, March 1979.

(2) NCASI Technical Bulletin No. 469, pgs. 20 and 32.

(3) NCASI Technical Bulletin 701; Table 7: Summary of Air Toxic Emissions from Weak Black Liquor Storage Tanks.

(4) Assumes that 70% of TRS is sulfur.

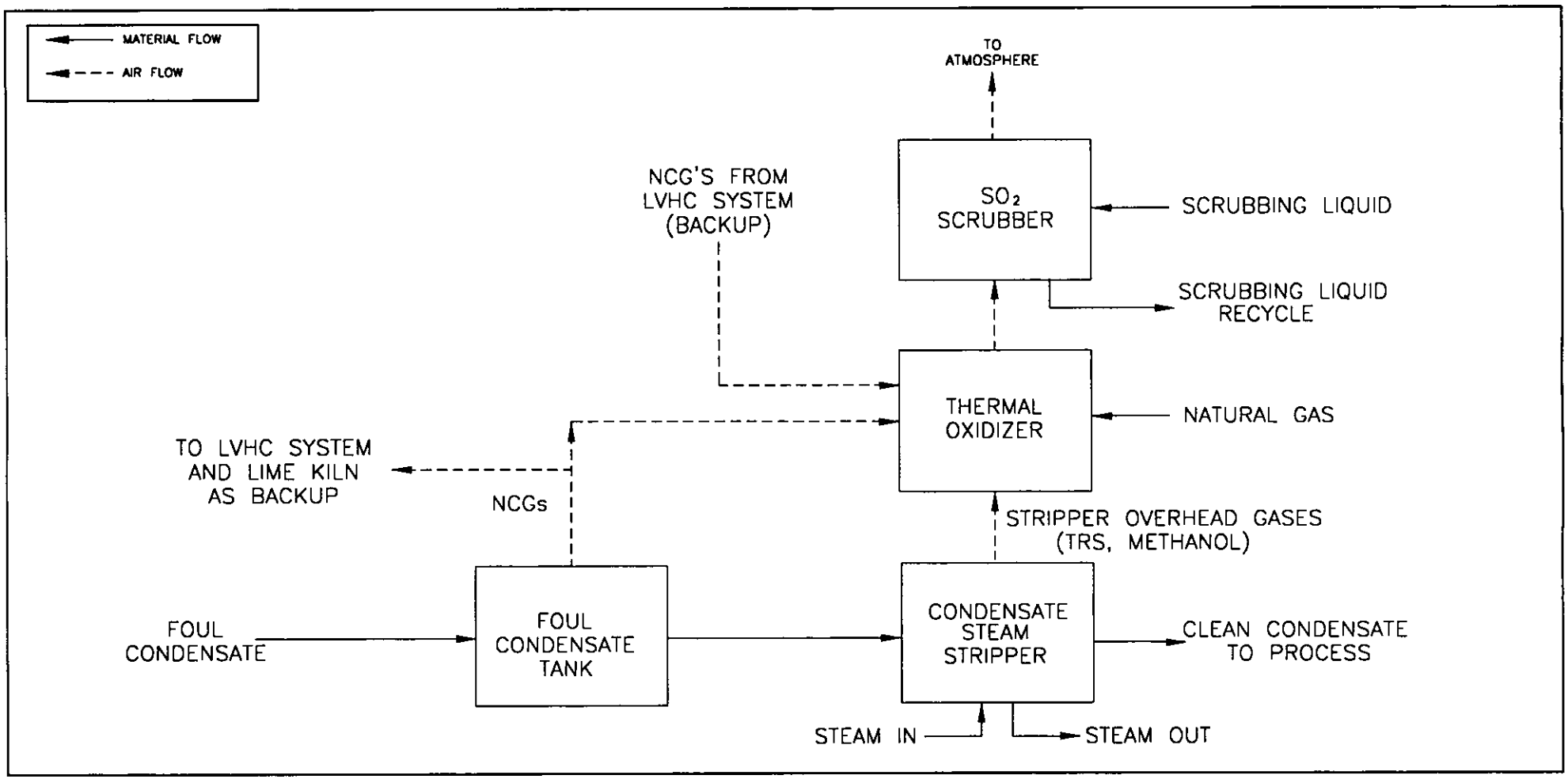
(5) As sulfur.

(6) This is an existing, but uncontrolled, source. Part of the proposed project is to control emissions from this source.

(7) Based on sum of average emission factors for reduced sulfur compounds (dimethyl sulfide and methyl mercaptan) in NCASI Techical Bulletin No. 701: Compilation of Air Toxic and Total Hydrocarbon Emission Data for Sources at Chemical Wood Pulp Mills, October 1995, Table 6.

ATTACHMENT SCC-EU3-L1

PROCESS FLOW DIAGRAM



STONE CONTAINER CORPORATION PANAMA CITY, FL PROCESS FLOW DIAGRAM SCC-EU3-LI	EMISSION UNIT: CONDENSATE STRIPPER / THERMAL OXIDIZER PROCESS AREA: FOUL CONDENSATE SYSTEM FILENAME: FCSTMTO.DWG LATEST REVISION: 04/06/99 by MJA

Golder Associates

ATTACHMENT SCC-EU3-L2

FUEL ANALYSIS

ATTACHMENT SCC-EU3-L2

Fuel Analysis

Fuel	Density (lb/scf)	Moisture	Weight % Sulfur	Weight % Nitrogen	Weight % Ash	Heat Capacity
Natural Gas	0.048	<0.01	<0.001	0.62	--	1,000 Btu/scf

ATTACHMENT SCC-EU3-L3

DETAILED DESCRIPTION OF CONTROL EQUIPMENT

ATTACHMENT SCC-EU3-L3

DETAILED DESCRIPTION OF CONTROL EQUIPMENT

SO_2 scrubber designed for a 92% removal efficiency.

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[X] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Lime Slaker**		
2. Emissions Unit Identification Number: [ ] No Corresponding ID [ ] Unknown **005**		
3. Emissions Unit Status Code: **A**	4. Acid Rain Unit? [ ] Yes [**X**] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters): **Wet cyclonic separator scrubber**
2. Control Device or Method Code: **85**

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:	
2. Long-term Reserve Shutdown Date:	
3. Package Unit: Manufacturer:	Model Number:
4. Generator Nameplate Rating:	MW
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	 °F seconds °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr	tons/day
3. Maximum Process or Throughput Rate:	**100**	**tons/hr**
4. Maximum Production Rate:		

5. Operating Capacity Comment (limit to 200 characters):

Max Process or Throughput Rate = 100.24 (rounded to 100). Maximum Process Rate Based on Green Liquor Solids (72.14 TPY) and Lime (28.1 TPH @ 90% purity). See Attachment SCC-EU4-C5

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:

24	hours/day	**7**	days/week
52	weeks/yr	**8,760**	hours/yr

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See Attachment SCC-EU4-D

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

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: EU9
2. Emission Point Type Code: [x] 1 [ ] 2 [ ] 3 [ ] 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
5. Discharge Type Code: [ ] D [ ] F [ ] H [ ] P [ ] R [x] V [ ] W
6. Stack Height: 56 feet
7. Exit Diameter: 2.9 feet
8. Exit Temperature: 200 °F

9. Actual Volumetric Flow Rate:	**17,013** acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters):	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):

Pulp and Paper & Wood Products, Sulfate (Kraft) Pulping, Causticizing: General

2. Source Classification Code (SCC):

3-99-999-94

3. SCC Units:

pounds processed

4. Maximum Hourly Rate:	5. Maximum Annual Rate:
200,480	**1,756,204,800**

6. Estimated Annual Activity Factor:

7. Maximum Percent Sulfur:	8. Maximum Percent Ash:

9. Million Btu per SCC Unit:

10. Segment Comment (limit to 200 characters):

Maximum Hourly Rate is based on total green liquor feed plus lime feed. See Attachment SCC-EU4-C5

Segment Description and Rate: Segment _____ of _____

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

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	085		EL
PM10	085		NS
VOC			NS
HAPS			NS
H001			NS
H115			NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **PM**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **4** lb/hour **17.5** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **4 lb/hr** Reference: **Test Data**
7. Emissions Method Code: [**X**] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): **Based on proposed permit limit**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 4 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: **RULE**
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: **See Comment**
4. Equivalent Allowable Emissions: **4** lb/hour **17.5** tons/year
5. Method of Compliance (limit to 60 characters): **Annual source testing using EPA Reference Method 5**
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): **62-296.320(4)(a)2. Requested Allowable Emissions and Units: E = 17.31 P^0.16 lb/hr or 4.0 lb/hr, whichever is less.**

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **PM10**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **4** lb/hour **17.5** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **100 % of PM** Reference: **See Comment**
7. Emissions Method Code: [**X**] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters):
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): **Emission Factor Reference = Conservatively Assumed, due to lack of data**

Emissions Unit Information Section 4 of 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **VOC**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **1.24** lb/hour **5.4** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **0.044 lb/ton CaO** Reference: **NCASI Bulletin**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **28.11 tons CaO/hr x 0.044 lb/ton = 1.24 lb/hr; 1.24 lb/hr x 8,760 hr/yr x 1 ton/2,000 lb = 5.4 TPY**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 4 of 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted:	**HAPS**
2. Total Percent Efficiency of Control:	%
3. Potential Emissions:	**1.8** lb/hour **7.7** tons/year
4. Synthetically Limited?	[ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ]1 [ ]2 [ ]3	_____ to _____ tons/yr
6. Emission Factor:	**See Comments**
Reference:	**NCASI Bulletin**
7. Emissions Method Code: [ ]0 [ ]1 [ ]2 [ ]3 [ ]4 [ ]5	
8. Calculation of Emissions (limit to 600 characters):	**See Attachment SCC-EU4-H8**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	

Emissions Unit Information Section 4 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **H001**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0.19** lb/hour **0.84** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **0.0068 lb/ton CaO** Reference: **NCASI Bulletin**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **(28.1 tons CaO/hr) * (0.0068 lbs H001/ton CaO) = 0.19 lb/hr. (0.19 lb/hr) * (8,760 hr/yr) * (1 ton/2000lb) = 0.84 TPY**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 4 of 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **H115**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **1.5** lb/hour **6.6** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **0.054 lb/ton CaO** Reference: **NCASI Bulletin**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **(28.11 tons CaO/hr) * (0.054 lb H115/ton CaO) = 1.5 lb/hr. (1.5 lb/hr) * (8,760 hr/yr) * (1 ton/2000lb) = 6.6 TPY**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 4 of 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype: **VE20**
2.	Basis for Allowable Opacity: [x] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: **20** % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance: **Annual source test using EPA Reference Method 9**
5.	Visible Emissions Comment (limit to 200 characters): **Due to moisture interference, the visible emission limiting standard pursuant to 62-296.320(4)(b)1 is not applicable and is deferred to 62-296.404(2)(b).**

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 1 of 1

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: [ ] Rule [X] Other	
4. Monitor Information: Monitor Manufacturer: Yokogawa Model Number: Not Available Serial Number: F145BD393-U-424	
5. Installation Date: 01 May 1994	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): Surrogate parameter: Continuously monitor scrubber media flow rate as required per Specific Condition 4 of AO03-252354	

Continuous Monitoring System Continuous Monitor _____ of _____

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

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[X] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	This emission unit is not expected to emit SO2 or NO2.			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1.	Process Flow Diagram [X] Attached, Document ID: SCC-EU4-L1 [ ] Not Applicable [ ] Waiver Requested
2.	Fuel Analysis or Specification [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Waiver Requested
3.	Detailed Description of Control Equipment [X] Attached, Document ID: SCC-EU4-L3 [ ] Not Applicable [ ] Waiver Requested
4.	Description of Stack Sampling Facilities [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Waiver Requested
5.	Compliance Test Report [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Previously Submitted, Date: _____
6.	Procedures for Startup and Shutdown [ ] Attached, Document ID: _____ [X] Not Applicable
7.	Operation and Maintenance Plan [ ] Attached, Document ID: _____ [X] Not Applicable
8.	Supplemental Information for Construction Permit Application [X] Attached, Document ID: Attachment A [ ] Not Applicable
9.	Other Information Required by Rule or Statute [ ] Attached, Document ID: _____ [X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation

[ ] Attached, Document ID: _____ [X] Not Applicable

11. Alternative Modes of Operation (Emissions Trading)

[ ] Attached, Document ID: _____ [X] Not Applicable

12. Identification of Additional Applicable Requirements

[ ] Attached, Document ID: _____ [X] Not Applicable

13. Compliance Assurance Monitoring Plan

[ ] Attached, Document ID: _____ [X] Not Applicable

14. Acid Rain Permit Application (Hard Copy Required)

[ ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))
Attached, Document ID: _____

[ ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)
Attached, Document ID: _____

[ ] New Unit Exemption (Form No. 62-210.900(1)(a)2.)
Attached, Document ID: _____

[ ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)
Attached, Document ID: _____

[X] Not Applicable

ATTACHMENT SCC-EU4-C5

OPERATING CAPACITY COMMENT

ATTACHMENT SCC-EU4-C5

OPERATING CAPACITY COMMENT

Green Liquor Solids: 1.83 lbs/gallon

Maximum Flow: 1,314 gal/min

Tons Solids/Hr: $\frac{1{,}314 \text{ gal/min} \times 1.83 \text{ lbs/gal} \times 60 \text{ min/hr}}{2{,}000 \text{ lbs/ton}} = 72.14 \text{ tons/hr}$

Lime to Slaker: 28.11 tph (total from lime kiln, plus purchased lime)

Total Solids to Slaker =

72.14 tons/hr (from green liquor)
+ 28.11 tons/hr (from lime @ 90% purity)
100.24 tons/hr Total

ATTACHMENT SCC-EU4-D

LIST OF APPLICABLE REGULATIONS

Specific Emissions Unit Name (ID): No. 4 Lime Kiln - Non-NSPS (Lime Kiln) Page: 1
Facility Name (ID): Stone Container Corporation (10-PCY-03-0009) Date: 04/27/1999

Rule Number	PA/A	Rule Title/Summary	Applicability Comment
62-296.320(4)(a)2. 62-296	A		Process Weight Table
62-296.320(4)(a)3.a.(ii) 62-296	A		EPA Method 5
62-296.404(2)(b) 62-296	A	Kraft (Sulfate) Pulp Mills and Tall Oil Plants: Visible emission limits for sources equipped with wet scrubbers only apply if plume unaffected by plume mixing or moisture condensation.	
62-296.404(3)(e) 62-296	A	Kraft (Sulfate) Pulp Mills and Tall Oil Plants: Lime Kilns and Calciners.	
62-296.404(4)(b)1. 62-296	A	Test Methods and Procedures: PM for scrubber controlled emissions units: DEP Method 5- minimum sample volume 32 dscf. A water wash shall be used.	
62-296.404(4)(b)3. 62-296	A	Test Methods and Procedures: TRS: EPA Method 16 or EPA Method 16A or EPA Method 16B. EPA Method 16 or EPA Method 16A shall be required for instrument certification and compliance testing.	
62-296.404(4)(f) 62-296	A	Test Methods and Procedures: Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.	
62-296.404(5)(a) 62-296	A	Continuous Emissions Monitoring Requirements: Straight kraft recovery furnaces, whether new or old design, cross recovery furnaces, lime kilns and calciners, shall be equipped with TRS CEMS. All digester systems and multiple effect	TRS CMS
62-296.404(5)(b) 62-296	A	Continuous Emissions Monitoring Requirements: Continuous determination of total reduced sulfur emissions.	
62-296.404(6)(a) 62-296	A	Quarterly Reporting Requirements: The report shall include the following information:	

Rule Number	PA/A	Rule Title/Summary	Applicability Comment
62-296.404(6)(b) 62-296	A	Quarterly Reporting Requirements: Maintain a complete file of all measurements in a form suitable for inspection. Retain for at least two years following the date of such measurements, maintenance, reports and records.	
62-296.404(6)(c)2. 62-296	A	Quarterly Reporting Requirements: For lime kilns and calciners, excess emissions during >2 percent of the time, or	
62-296.404(6)(c)4. 62-296	A	Quarterly Reporting Requirements: The Department determines that the affected facility is not maintained and operated in a manner consistent with good air pollution control practice for minimizing emissions. Good air pollution	
62-296.404(6)(d) 62-296	A	Quarterly Reporting Requirements: Notify the Department in writing within 14 days of the date on which periods of excess emissions exceed the percentages allowed.	
62-297.310 62-297	A	General Test Requirements.: The focal point of a compliance test is the stack or duct which vents process and/or combustion gases and air pollutants from an emissions unit into the ambient air.	
62-297.401(1)(a) 62-297 Test Method	A	EPA Method 1 -- Sample and Velocity Traverses for Stationary sources -- 40 CFR 60 Appendix A.:	
62-297.401(16) 62-297 Test Method	A	EPA Method 16 -- Semicontinuous Determination of Sulfur Emissions from Stationary Sources -- 40 CFR:	
62-297.401(16)(a) 62-297 Test Method	A	EPA Method 16A -- Determination of Total Reduced Sulfur Emissions from Stationary Sources (Impinger:	
62-297.401(2) 62-297 Test Method	A	EPA Method 2 -- Determination of Stack Gas Velocity and Volumetric Flow Rate -- 40 CFR 60 Appendix A:	

Specific Emissions Unit Name (ID): No. 4 Lime Kiln - Non-NSPS (Lime Kiln) Page: 3
Facility Name (ID): Stone Container Corporation (10-PCY-03-0009) Date: 04/27/1999

Rule Number	PA/A	Rule Title/Summary	Applicability Comment
62-297.401(3) 62-297 Test Method	A	EPA Method 3 -- Gas Analysis for Carbon Dioxide, Oxygen, Excess Air, and Dry Molecular Weight -- 40:	
62-297.401(4) 62-297 Test Method	A	EPA Method 4 -- Determination of Moisture Content in Stack Gases -- 40 CFR 60 Appendix A.:	
62-297.401(5) 62-297 Test Method	A	EPA Method 5 -- Determination of Particulate Emissions from Stationary Sources -- 40 CFR 60 Appendix:	

ATTACHMENT SCC-EU4-H8

CALCULATION OF EMISSIONS

Attachment SCC-EU4-H8. Potential HAP Emissions from the Slaker System at Stone Container Corporation, Panama City

Pollutant	Emission Factor (lb/ton CaO) (1)	Ref.	Activity Factor [a] (tons CaO/hr)	Hourly Emissions [b] (lb/hr)	Annual Emissions [c] (TPY)
acetaldehyde (H)	6.8E-03	1	28.10	1.9E-01	8.4E-01
acrolein (H)	4.7E-05	1	28.10	1.3E-03	5.8E-03
benzene (H)	5.0E-05	1	28.10	1.4E-03	6.2E-03
carbon tetrachloride (H)	ND	1	28.10	ND	ND
chlorobenzene (H)	ND	1	28.10	ND	ND
chloroform (H)	ND	1	28.10	ND	ND
1,2-dichloroethane (H)	ND	1	28.10	ND	ND
formaldehyde (H)	ND	1	28.10	ND	ND
n-hexane (H)	ND	1	28.10	ND	ND
methanol (H)	5.4E-02	1	28.10	1.5E+00	6.6E+00
methyl ethyl ketone (H)	1.2E-03	1	28.10	3.3E-02	1.4E-01
methyl isobutyl ketone (H)	4.9E-05	1	28.10	1.4E-03	6.0E-03
methylene chloride (H)	ND	1	28.10	ND	ND
styrene (H)	4.0E-04	1	28.10	1.1E-02	4.9E-02
tetrachloroethylene (H)	9.6E-05	1	28.10	2.7E-03	1.2E-02
toluene (H)	1.7E-04	1	28.10	4.8E-03	2.1E-02
1,2,4-trichlorobenzene (H)	3.9E-05	1	28.10	1.1E-03	4.8E-03
1,1,1-trichloroethane (H)	ND	1	28.10	ND	ND
1,1,2-trichloroethane (H)	ND	1	28.10	ND	ND
trichloroethylene (H)	ND	1	28.10	ND	ND
m,p-xylene (H)	4.1E-05	1	28.10	1.2E-03	5.0E-03
o-xylene (H)	3.4E-05	1	28.10	9.6E-04	ND
Total HAPs	6.3E-02			1.8E+00	7.7E+00
Non-HAP Pollutants					
acetone	8.0E-03	1	28.10	2.2E-01	9.8E-01
ammonia	4.6E-01	1	28.10	1.3E+01	5.7E+01
1,2-dichloroethylene	3.8E-04	1	28.10	1.1E-02	4.7E-02
dimethyl disulfide	ND	1	28.10	ND	ND
dimethyl sulfide	ND	1	28.10	ND	ND
methyl mercaptan	ND	1	28.10	ND	ND
terpenes	8.4E-03	1	28.10	2.4E-01	1.0E+00
THC (Method 25A)	4.4E-02	1	28.10	1.2E+00	5.4E+00

References

1. NCASI T.B. 701; Table 17: Slaker and Causticizer Tank Vent Emission Averages, pg.237.

Footnotes:

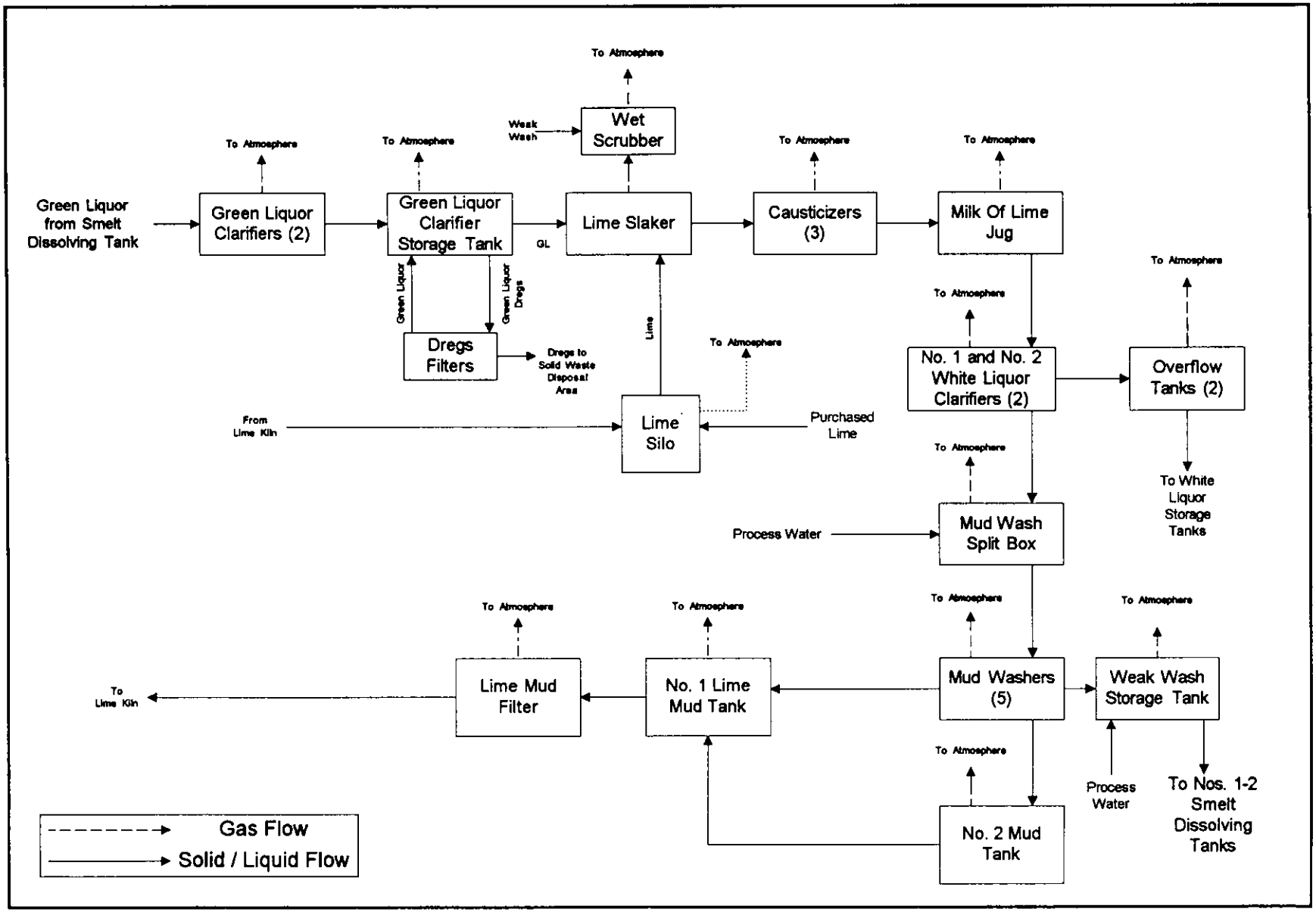
(a) Activity factor is based on a summation of the maximum permitted rates for causticizing area.

(b) Emissions are not quantified for pollutants below the detectable limit.

(c) Based on 8760 hours of operation.

ATTACHMENT SCC-EU4-L1

PROCESS FLOW DIAGRAM



Stone Container Corporation		*Emission Unit:* Lime Slaker
		Process Area: Chemical Recovery Area
SCC-EU04-L1	Panama City	*Filename:* LIMESLKR.VSD
		Latest Revision Date: 7/21/99 11:29 AM

Golder Associates

ATTACHMENT SCC-EU4-L3

DETAILED DESCRIPTION OF CONTROL EQUIPMENT

Attachment SCC-EU4-L3

Control Equipment Parameters

Lime Slaker Scrubber (Wet Cyclonic Separator)

Manufacturer	Ducon	
Model No.	Type UW4 Model III	
Date of Installation	1994	
Inlet Gas Temp	185-195	F
Inlet Gas Flow Rate	4,500-5,500	ACFM
Outlet Gas Temp	185-195	F
Outlet Gas Flow Rate	4,500-5,500	ACFM
Scrubbing Media	Water	
Scrubbing Media Flow Rate	20	gpm
Control Efficiency	90	%
Maximum Permitted Particulate Matter Emissions *	4.0	lbs/hr

* Proposed permit limit.

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[ ] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[X] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Methanol Storage Tank**		
2. Emissions Unit Identification Number: [X] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: **A**	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters): **38,500 gallon capacity**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:	
2. Long-term Reserve Shutdown Date:	
3. Package Unit: Manufacturer:	Model Number:
4. Generator Nameplate Rating:	MW
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	 °F seconds °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:			mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr		tons/day
3. Maximum Process or Throughput Rate:		**440,000**	**gallons/year**
4. Maximum Production Rate:			
5. Operating Capacity Comment (limit to 200 characters):			

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:

24	hours/day	**7**	days/week
52	weeks/yr	**8,760**	hours/yr

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

40 CFR 60, Subpart Kb - NSPS for Volatile Organic Liquid Storage Vessels
40 CFR 60.116b(a) - NSPS for Volatile Organic Liquid Storage Vessels
40 CFR 60.116b(b) - NSPS for Volatile Organic Liquid Storage Vessels
40 CFR 60.116b(c) - NSPS for Volatile Organic Liquid Storage Vessels
62-204.800(7)(b)14 - Standards of Performance for New Stationary Sources

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

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: EU4
2. Emission Point Type Code: [ ] 1 [ ] 2 [ ] 3 [x] 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
5. Discharge Type Code: [ ] D [x] F [ ] H [ ] P [ ] R [ ] V [ ] W
6. Stack Height: feet
7. Exit Diameter: feet
8. Exit Temperature: °F

9. Actual Volumetric Flow Rate:	acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters):	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Organic Chemical Storage, Fixed Roof Tanks, Methyl Alcohol: Breathing Loss**
2. Source Classification Code (SCC): **4-07-008-15**
3. SCC Units:

4. Maximum Hourly Rate:	5. Maximum Annual Rate: **38**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	

10. Segment Comment (limit to 200 characters): **Estimated Annual Activity Factor: 38,500 gallons. Annual activity factor is equal to tank capacity.**

Segment Description and Rate: Segment 2 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Organic Chemical Storage, Fixed Roof Tanks, Methyl Alcohol: Working Loss**
2. Source Classification Code (SCC): **4-07-008-16**
3. SCC Units: **1,000 gallons Throughput**

4. Maximum Hourly Rate:	5. Maximum Annual Rate: **440**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	

10. Segment Comment (limit to 200 characters):

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
VOC			NS
HAPS			NS
H115			NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **VOC**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0.23** lb/hour **1.03** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **See Comment** Reference: **Tanks 4.0**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **See Attachment SCC-EU5-H8**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 5 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **HAPS**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0.23** lb/hour **1.03** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **See comment** Reference: **Tanks 4.0**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **See Attachment SCC-EU5-H8**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 5 **of** 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: **H115**
2. Total Percent Efficiency of Control: %
3. Potential Emissions: **0.23** lb/hour **1.03** tons/year
4. Synthetically Limited? [ ] Yes [**X**] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/yr
6. Emission Factor: **See comment** Reference: **Tanks 4.0**
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [**X**] 5
8. Calculation of Emissions (limit to 600 characters): **See Attachment SCC-EU5-H8**
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section 5 of 7

Allowable Emissions (Pollutant identified on front page)

A.

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

B.

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

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: [ ] Rule [ ] Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 1 of 1

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

Continuous Monitoring System Continuous Monitor _____ of _____

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

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [ ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[ ] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	This emission unit is not expected to emit PM, SO2, NO2			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1.	Process Flow Diagram	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
2.	Fuel Analysis or Specification	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
3.	Detailed Description of Control Equipment	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
4.	Description of Stack Sampling Facilities	
	[ ] Attached, Document ID: _____	
	[X] Not Applicable	[ ] Waiver Requested
5.	Compliance Test Report	
	[ ] Attached, Document ID: _____	[X] Not Applicable
	[ ] Previously Submitted, Date: _____	
6.	Procedures for Startup and Shutdown	
	[ ] Attached, Document ID: _____	[X] Not Applicable
7.	Operation and Maintenance Plan	
	[ ] Attached, Document ID: _____	[X] Not Applicable
8.	Supplemental Information for Construction Permit Application	
	[X] Attached, Document ID: Attachment A	[ ] Not Applicable
9.	Other Information Required by Rule or Statute	
	[ ] Attached, Document ID: _____	[X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation

[ ] Attached, Document ID: _____ [X] Not Applicable

11. Alternative Modes of Operation (Emissions Trading)

[ ] Attached, Document ID: _____ [X] Not Applicable

12. Identification of Additional Applicable Requirements

[ ] Attached, Document ID: _____ [X] Not Applicable

13. Compliance Assurance Monitoring Plan

[ ] Attached, Document ID: _____ [X] Not Applicable

14. Acid Rain Permit Application (Hard Copy Required)

[ ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))
Attached, Document ID: _____

[ ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)
Attached, Document ID: _____

[ ] New Unit Exemption (Form No. 62-210.900(1)(a)2.)
Attached, Document ID: _____

[ ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)
Attached, Document ID: _____

[X] Not Applicable

ATTACHMENT SCC-EU5-H8

CALCULATION OF EMISSIONS

TANKS 4.0
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Methanol Storeage Tank
City:	Apalachicola
State:	Florida
Company:	Stone Container Corporation
Type of Tank:	Vertical Fixed Roof Tank
Description:	440,000 gal/yr

Tank Dimensions

Shell Height (ft):	20.00
Diameter (ft):	20.00
Liquid Height (ft):	16.00
Avg. Liquid Height (ft):	8.00
Volume (gallons):	38,500.00
Turnovers:	11.40
Net Throughput (gal/yr):	440,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Roof Characteristics

Type:	Dome
Height (ft):	0.00
Radius (ft) (Dome Roof):	10.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig):	0.03

Meteorological Data used in Emissions Calculations: Apalachicola, Florida (Avg Atmospheric Pressure = 14.73 psia)

TANKS 4.0
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Methyl alcohol	All	75.62	67.17	84.06	70.32	2.3192	1.8012	2.9588	32.0400			32.04	Option 1: A=7.897, B=1474.08, C=229.13

TANKS 4.0
Emissions Report - Detail Format
Detail Calculations (AP-42)

Annual Emission Calculations	
Standing Losses (lb):	1,273.5960
Vapor Space Volume (cu ft):	5,864.3063
Vapor Density (lb/cu ft):	0.0129
Vapor Space Expansion Factor:	0.1515
Vented Vapor Saturation Factor:	0.3035
Tank Vapor Space Volume	
Vapor Space Volume (cu ft):	5,864.3063
Tank Diameter (ft):	20.0000
Vapor Space Outage (ft):	18.6667
Tank Shell Height (ft):	20.0000
Average Liquid Height (ft):	8.0000
Roof Outage (ft):	6.6667
Roof Outage (Dome Roof)	
Roof Outage (ft):	6.6667
Dome Radius (ft):	10.0000
Shell Radius (ft):	10.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0129
Vapor Molecular Weight (lb/lb-mole):	32.0400
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.3192
Daily Avg. Liquid Surface Temp. (deg. R):	535.2895
Daily Average Ambient Temp. (deg. F):	68.0792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	529.9892
Tank Paint Solar Absorptance. (Shell):	0.5400
Tank Paint Solar Absorptance. (Roof):	0.5400
Daily Total Solar Insulation Factor (Btu/sqft day):	1,473.5000
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.1515
Daily Vapor Temperature Range (deg. R):	33.7813
Daily Vapor Pressure Range (psia):	1.1576
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.3192
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	1.8012
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	2.9588
Daily Avg. Liquid Surface Temp. (deg R):	535.2895
Daily Min. Liquid Surface Temp. (deg R):	526.8442
Daily Max. Liquid Surface Temp. (deg R):	543.7348
Daily Ambient Temp. Range (deg. R):	15.9750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.3035
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.3192
Vapor Space Outage (ft):	18.6667

TANKS 4.0
Emissions Report - Detail Format
Detail Calculations (AP-42)- (Continued)

Working Losses (lb):	778.4441
Vapor Molecular Weight (lb/lb-mole):	32.0400
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.3192
Annual Net Throughput (gal/yr.):	440,000.0000
Number of Turnovers:	11.4000
Turnover Factor:	1.0000
Maximum Liquid Volume (cuft):	38,500.0000
Maximum Liquid Height (ft):	16.0000
Tank Diameter (ft):	20.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	2,052.0401

TANKS 4.0
Emissions Report - Detail Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Methyl alcohol	778.44	1,273.60	2,052.04

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[ ] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[X] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[ ] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Chemical Recovery Area**		
2. Emissions Unit Identification Number: [X] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: **A**	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters): **See Attachment SCC-EU6-B6**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): **Pulp and Paper and Wood Products, Sulfate (Kraft) Pulping, Other Not Classified**
2. Source Classification Code (SCC): **3-07-001-99**
3. SCC Units: **Tons Air-Dried Unbleached Pulp Produced**

4. Maximum Hourly Rate:	5. Maximum Annual Rate:
120	**781,000**
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	

10. Segment Comment (limit to 200 characters): **Maximum rates based on proposed batch digester system rates.**

Segment Description and Rate: Segment _____ of _____

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

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM			NS
PM10			NS
VOC			NS
HAPS			NS
H115			NS
H001			NS
TRS			NS

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[X] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	This emission unit is not expected to emit SO2 or NO2.			

ATTACHMENT SCC-EU6-B6

EMISSION UNIT COMMENT

ATTACHMENT SCC-EU6-B6

EMISSION UNIT COMMENT

Chemical Recovery Area

Lime Slaker and Lime Kiln Area - Unpermitted:

- Lime unloading
- Lime storage silo with associated conveying system
- Causticizers
- Grit washers and associated equipment
- Lime mud washer and associated storage tanks
- Lime mud filters with associated equipment

White liquor clarifiers

White liquor storage tanks

Black liquor tanks(2)

Black liquor oxidation tank

Black liquor filter (fiber filter)

Green liquor clarifiers and tanks

Green liquor dregs washer and standpipe

Weak wash tanks

Soap collection and storage systems

Condensate tanks

Chemical additive tanks

Building ventilation

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[ ] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[X] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[ ] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): **Paper Making/Warehousing**		
2. Emissions Unit Identification Number: [X] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code: **A**	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: **26**
6. Emissions Unit Comment (limit to 500 characters): **See Attachment SCC-EU7-B6**		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):

Pulp and Paper and Wood Products, Sulfate (Kraft) Pulping, Other Not Classified

2. Source Classification Code (SCC):

3-07-001-99

3. SCC Units:

Tons Air-Dried Unbleached Pulp Produced

4. Maximum Hourly Rate:	5. Maximum Annual Rate:
120	**781,000**

6. Estimated Annual Activity Factor:

7. Maximum Percent Sulfur:	8. Maximum Percent Ash:

9. Million Btu per SCC Unit:

10. Segment Comment (limit to 200 characters):

Maximum rates based on proposed batch digester system rates.

Segment Description and Rate: Segment _____ of _____

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

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM			NS
PM10			NS
VOC			NS
HAPS			NS
H001			NS
H115			NS

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	[ ] C	[ ] E	[X] Unknown
	SO_2	[ ] C	[ ] E	[ ] Unknown
	NO_2	[ ] C	[ ] E	[ ] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO_2	lb/hour		tons/year
	NO_2			tons/year
5.	PSD Comment (limit to 200 characters):			
	This emission unit is not expected to emit SO2 or NO2.			

ATTACHMENT SCC-EU7-B6

EMISSION UNIT COMMENT

ATTACHMENT SCC-EU7-B6

EMISSION UNIT COMMENT

Paper Making/Warehousing

Paper Making:

Nos. 1-2 Paper Machines	with associated vents, vacuum pumps, stock chests, tanks, hydraulic systems, broke handling systems, lube systems, dust collection systems
Broke beaters	
Save Alls	
Conveyor System	

Trim Handling

Chemical Additive Tanks

Warehousing Activities

Building ventilation

ATTACHMENT A

1.0 INTRODUCTION

Stone Container Corporation (SCC) operates a Kraft pulp mill located in Panama City, Florida. Currently, SCC is permitted to produce 120 tons per hour (TPH) of air-dried unbleached pulp (ADUP) through its batch digester system. For prevention of significant deterioration (PSD) permitting purposes, the maximum annual capacity of the batch digester system is 668,850 tons per year (TPY) ADUP.

SCC now desires to change the maximum annual pulp production rate for PSD purposes to 781,000 TPY ADUP. During 1997, SCCs total pulp production was approximately 666,000 TPY ADUP. At this year's (1999) current production level, the 668,850 TPY ADUP pulp production level could be exceeded in November or December of this year.

To implement the increased pulp production, SCC proposes to increase the permitted rates of the Lime Slaker, Batch Digester System and the methanol tank. Although the permitted process rates of these emissions units are being raised, no physical changes to these emissions units are required to accommodate the production increase. In addition, no physical changes or changes to the permitted rates of any other emission units at the facility will be necessary to accomplish the production rate increase.

An air construction permit is being submitted to the Florida Department of Environmental Protection (FDEP) to request this change in facility pulp production capacity for PSD purposes. Due to the ability to achieve the higher level of pulp production without implementing any physical changes or changes in the method of operation at the Panama City mill, PSD review does not apply to the requested change. However, an ambient air impact (modeling) analysis has been completed to provide the FDEP with assurance that facility operation will not cause any ambient air quality standards (AAQS) or PSD allowable increments to be exceeded. This analysis is provided as a separate report.

2.0 PROJECT DESCRIPTION

The SCC mill, located in Panama City, Florida (see Attachment SCC-FE-1), consists of a woodyard, batch digester system, multiple effect evaporator (MEE) system, a bleach plant, two recovery boilers, two smelt dissolving tanks, a lime kiln, two bark boilers, a lime slaker, and other equipment used to produce finished paper products from virgin wood. A plot plan of the existing facility is presented Attachment SCC-FE-2 and an overall process flow diagram is presented in Attachment SCC-FE-3.

The permitted pulp production capacity of the digester system is currently 120 TPH ADUP and 668,850 TPY ADUP (permit no. AC-03-252285; see Appendix B). This permitted production rate originated from the total reduced sulfur (TRS) control project permitted in 1988. The TRS control project was mandated by the federal government and implemented by the Florida Department of Environmental Regulation. In the Batch Digester System construction permit for the TRS control project (AC03-142979 issued Oct. 19, 1988; see Appendix B), Specific Condition 2.a. states: "For PSD purposes, the annual production rate of the digester system will be 668,850 tons of air-dried unbleached pulp (ADUP) per year." The purpose of this condition was not to limit the pulp production capacity of the digester system, but to trigger a review of PSD applicability if this level of production was to be exceeded.

The construction permit wording of 668,850 tons/yr ADUP capacity for PSD purposes has been carried through to subsequent construction and operating permits issued for the Batch Digester System. These permits included a digester system rebuild construction permit issued in 1994 (AC03-252285; see Appendix B). At the time of the system rebuild, the batch digesters became subject to federal New Source Performance Standards (NSPS) for Kraft Pulp Mills (40 CFR 60, Subpart BB).

As described previously, during 1997 SCCs total pulp production was approximately 666,000 TPY ADUP. Projections for this year (1999) indicate that the 668,850 TPY ADUP pulp production level could be exceeded in November or December of this year. As a result, relief is being sought in regards to pulp production capacity.

SCC is now proposing to change the maximum production capacity of the mill for PSD purposes to 781,000 TPY ADUP. To accomplish this pulp production increase, SCC proposes to change the permitted capacity of the following:

- Lime production for the Lime Slaker from the currently permitted rate of 21.18 TPH to 28.1 TPH (10% impurities included).
- Annual Pulp production capacity of the batch digester system for PSD purposes from 668,850 tons ADUP/yr to 781,000 tons ADUP/yr. The currently permitted maximum hourly rate of 120 TPH ADUP will not be changed.

As described above, although the permitted process rates of these emissions units are being raised, no physical changes or changes in the method of operation to these emissions units are required to accommodate the change in production capacity. In addition, no physical changes or changes to the permitted rates of any other emission units at the facility will be necessary to accomplish the production capacity change.

SCC operates two combination bark/fossil fuel boilers (Nos. 3 and 4 Combination Boilers) at the facility to supply steam to the process and to drive steam turbine electric generators. The boiler's operation will not be affected by the proposed change in pulp production capacity. These boilers provide steam to support the pulping process and to generate electricity, and are already operating at a high rate in order to maximize electricity generation. Therefore, the increased pulp production resulting from the proposed changes will not affect current boiler operation.

The actual operating rates of the two recovery boilers (Nos. 1 and 2 Recovery Boilers) will increase due to the increased black liquor solids (BLS) generated through the change in production capacity. The steam generated from the additional BLS will support the production change. However, the permitted rates for the two recovery boilers and associated smelt dissolving tanks will not change, and no physical changes are required to accommodate the change.

The actual operating rates of the MEE system and the smelt dissolving tanks (Nos. 1 and 2 Smelt Dissolving Tanks) will increase, but no physical changes or changes in the method of operation will occur. However, the bleach plant and lime kiln are already operating at high rates, and production through these units is not expected to increase. Any additional lime needed to support the production change will be purchased through outside vendors.

In the attached air permit application form, emission unit sections are included for the Pulping Area General, Lime Slaker, Pulping Area-MACT I, Condensate Stripper/Thermal Oxidizer, Chemical Recovery Area, Papermaking/Warehousing, and the Methanol Storage Tank. The unregulated emission units, Pulping Area General, Chemical Recovery Area, and Papermaking/Warehousing, were included to reflect the revised pulp production capacity. The Pulping Area-MACT I and Condensate Stripper/Thermal Oxidizer were also included to reflect the revised pulp production capacity for the units. The Pulping Area-MACT I and Condensate Stripper/Thermal Oxidizer emission units were recently submitted in the SCCs MACT compliance air construction permit application. The Lime Slaker and Methanol Storage Tank have been included to reflect their revised capacities. The bark boilers, recovery boilers, lime kiln, and woodyard capacities are unaffected by the revised pulp production capacity, therefore were not included as emission unit sections with this application.

SCC is requesting a revised pulp production capacity for PSD purposes of 781,000 TPY ADUP based on the current ability of the two paper machines, which have achieved up to 2,200 tons per day (TPD) ADUP equivalent production. At 355 days per operation, which would be a maximum, the annual tonnage is 781,000 TPY ADUP.

3.0 PSD APPLICABILITY

SCCs ability to attain a higher level of production capacity is entirely due to increased reliability and efficiency of operations at the Panama City mill. Since 1988, when the pulp production limitation for PSD purposes was set, there have only been two physical modifications to the mill. The first was a woodyard rebuild, which was permitted by FDEP in 1988, at essentially the same time as the TRS control project. The woodyard rebuild improved wood chip quality, providing a better "yield" (i.e., tons of pulp per ton of wood used).

The second physical modification to the mill was the digester system rebuild in 1994. This was also permitted by the FDEP, and the new digesters were subject to NSPS. Although the maximum capacity of the digester system (120 TPH ADUP) did not change with the new system, the efficiency, reliability and up time of the new digesters improved.

No other physical changes to the mill have been undertaken since the pulp production capacity limitation was set in 1988. SCC has over the last ten years routinely replaced failed components with equipment of the same capacity, as needed. Most new equipment, though having the same capacity as the old components, is more reliable and has allowed the mill to operate with more uptime and increased efficiency. The SCC mill has strived for safer and more efficient operation and has consequently increased the mill's capacity through increased reliability of equipment and controls.

SCCs improvements in many aspects of operation are reflected in the historical data for the mill. As shown in the figures in Appendix A, the following trends have occurred at the SCC mill:

- Pulp production has steadily risen over the years. The years 1993 and 1994 were affected by the digester rebuild, and 1998 was affected by a 3-month shutdown for economic reasons. This shows that gradual improvement rather than physical changes have led to a high level of production not previously envisioned.

- Since 1978, total energy consumption per ton of pulp produced has decreased from approximately 40 MMBtu/ton bone dry untreated pulp (BDUP) to approximately 30 MMBtu/ton BDUP.
- Black liquor solids (BLS) consumed per ton of pulp produced has steadily decreased since 1994 (subsequent to the new digesters being installed).
- Wood consumption per ton of pulp produced has steadily decreased.
- Total steam production and steam produced per ton of pulp produced have steadily decreased.
- Fossil fuel consumption has decreased steadily over the years. Renewable fuel (bark/wood waste) consumption has increased.

SCC has continually decreased the total heat input from fossil fuels, which in turn has lowered the amount of fossil fuel consumed per ton of pulp. Fossil fuel combustion is a major source of air emissions and the decreased use of fossil fuels due to both the increased overall efficiency of the mill and the increased use of cleaner fuels, such as bark, has lowered overall air emissions from the SCC mill.

Emissions of criteria pollutants and TRS have also remained the same or decreased, on a pound per ton of pulp basis, since the 1987-1988 time period, as compared to 1997-1998 emissions. Emissions of PM, PM_{10}, SO_2, NO_x, and TRS have decreased on a lb/ton of pulp basis, while CO and VOC have remained about the same. CO and VOC emissions would have decreased as well had it not been for a change from fossil fuels to renewable wood fuels, although there is no doubt of the overall benefit in reducing fossil fuel consumption.

The above discussion demonstrates that SCC has achieved its high levels of pulp production based on reliability and improved efficiencies, and not from physical changes.

Under Florida's air pollution regulations, "modifications" to existing air emitting facilities require air construction permits, and may require a PSD preconstruction permit. A "modification" is defined as "any physical change in, change in the method of operation, or

addition to a facility which would result in an increase in the actual emissions of any air pollutant...". A change in the method of operation does not include an increase in the hours of operation or production rate of an emissions unit or facility, unless the change would be prohibited by any federally enforceable permit condition, which was established after January 6, 1975.

As discussed previously, no physical changes have been made to the facility, which caused an increase in actual emissions, and no additions to the facility have been made. Further, a change in the method of operation has not occurred, and will not occur with the higher pulp capacity, since the previously established pulp production capacity is not federally enforceable (i.e., it was only established as a PSD applicability review trigger), and SCC will continue to produce pulp in the same manner as before. An increase in operating hours or in production rate by itself is exempt from PSD review. This project does not involve debottlenecking, since all equipment is already physically capable of handling the requested change in pulp production capacity.

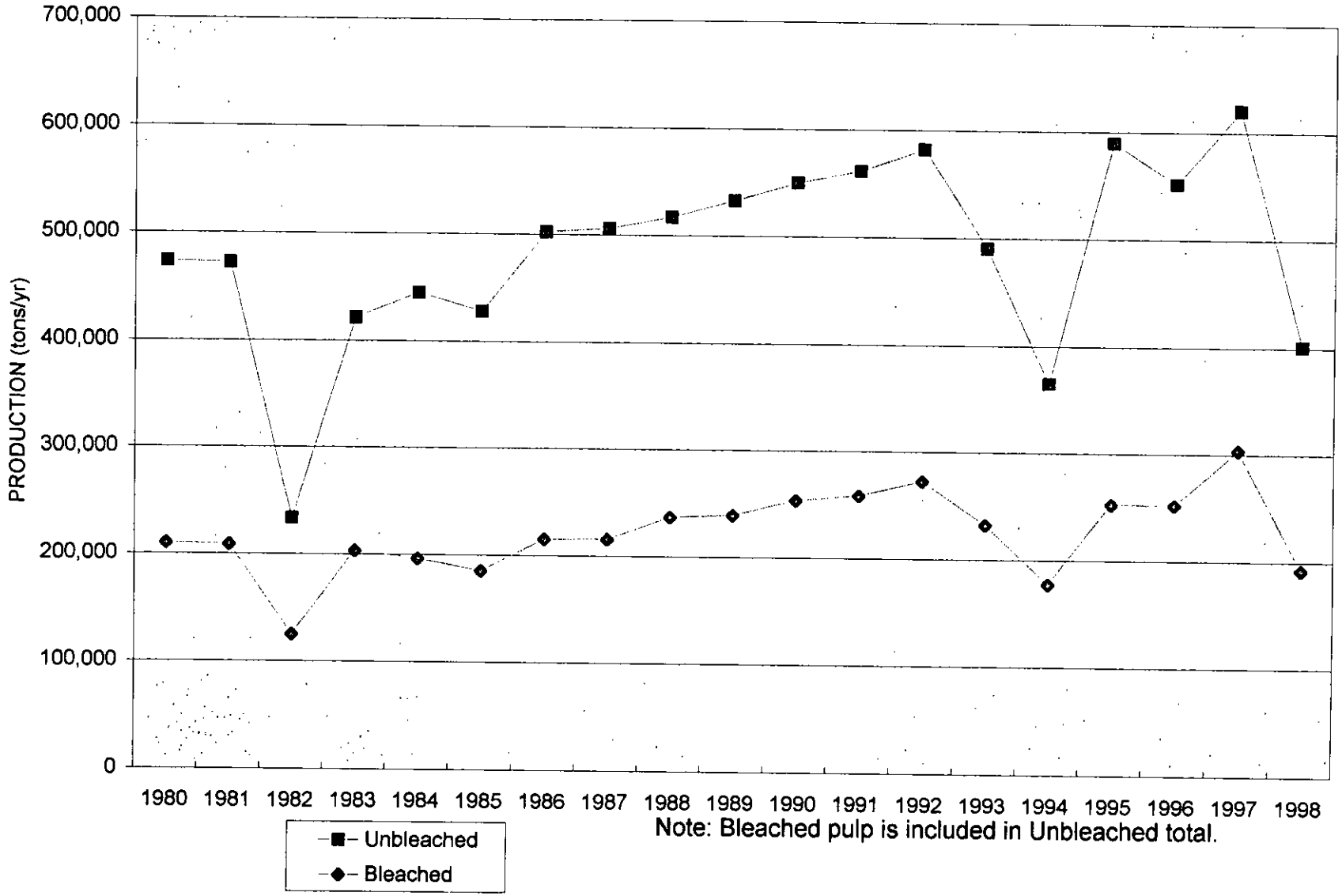
APPENDIX A

FACILITY TRENDS

6/6/99

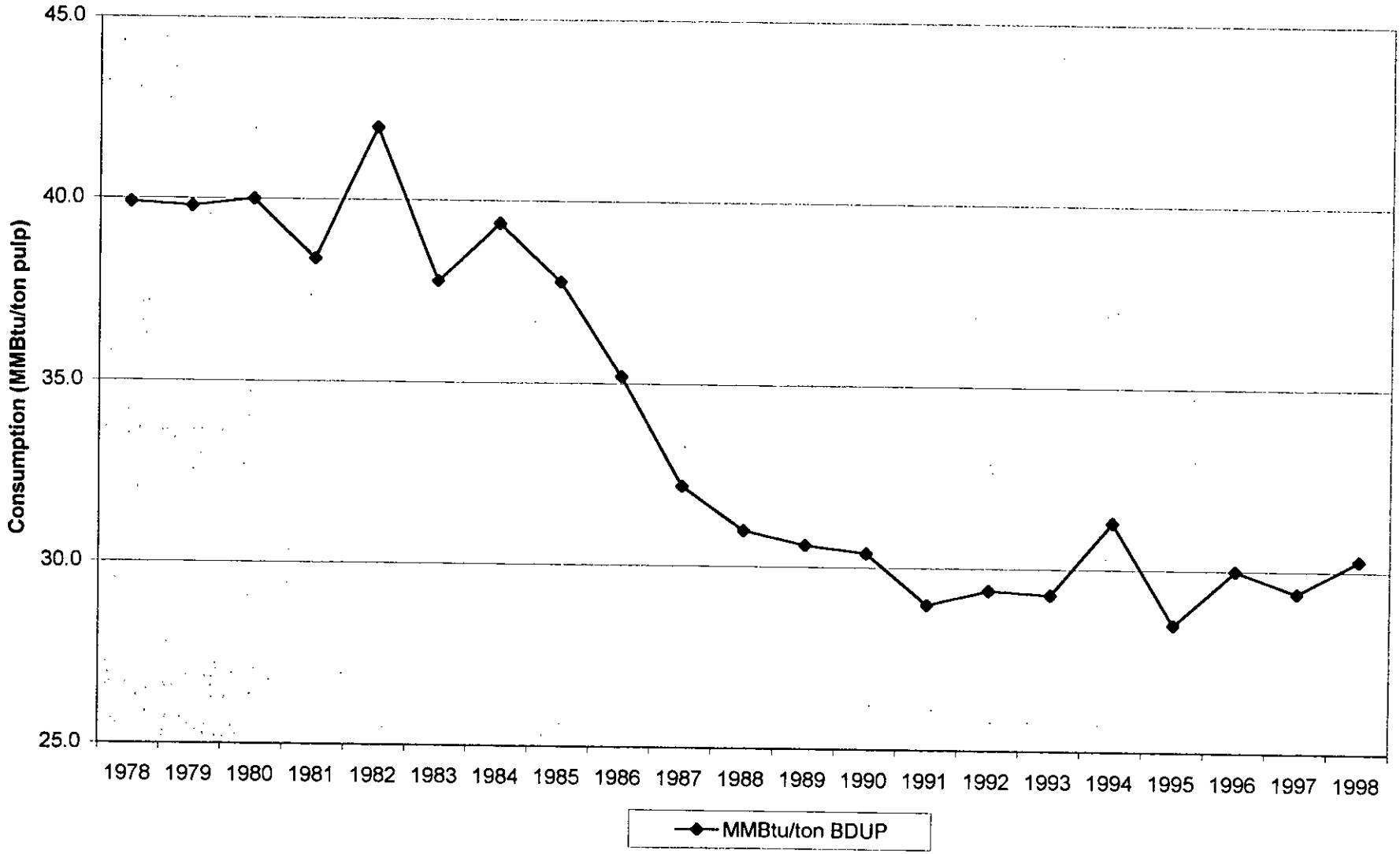
PULP PRODUCTION

Panama City

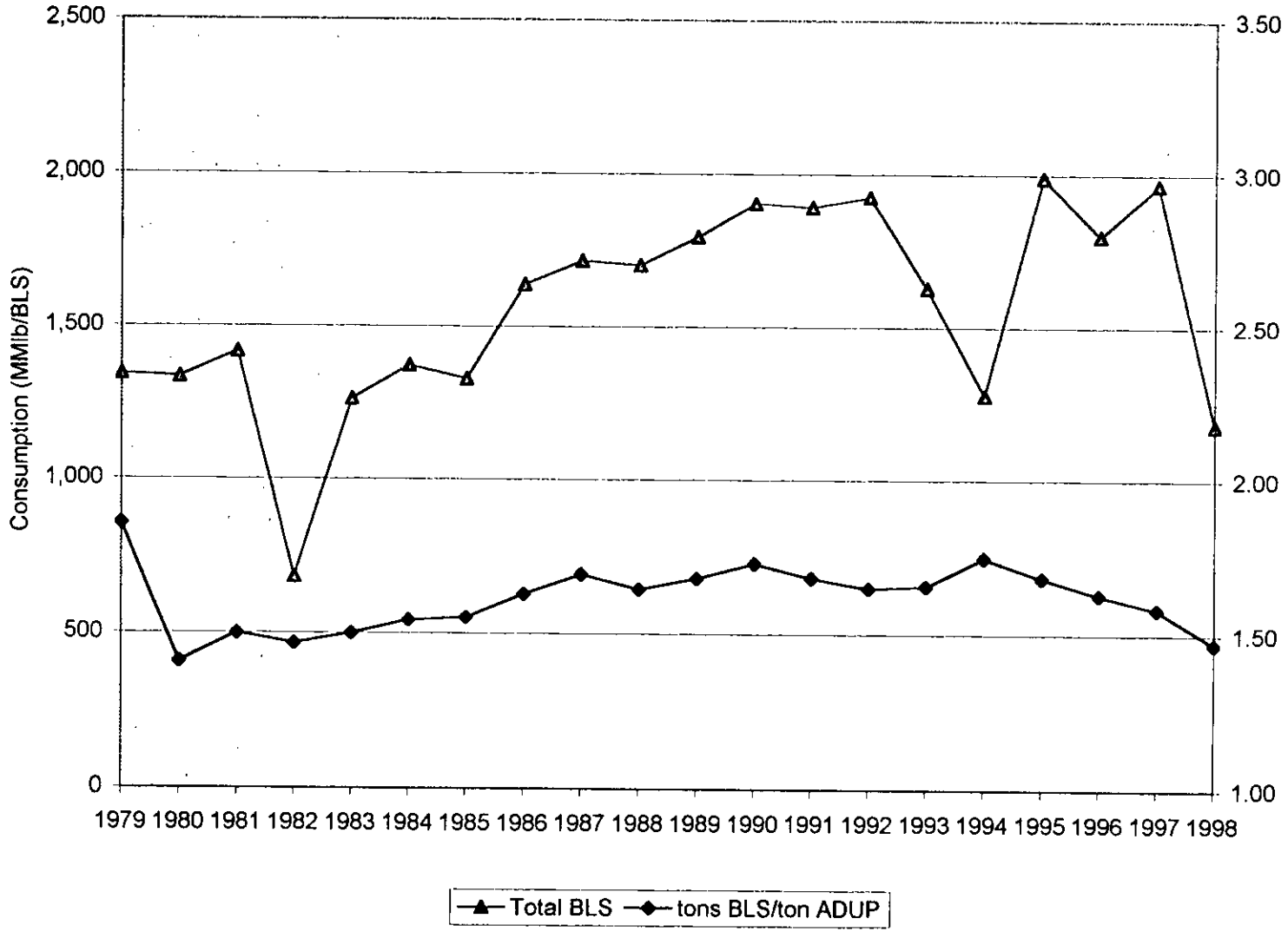


Note: Bleached pulp is included in Unbleached total.

Total Energy Consumption

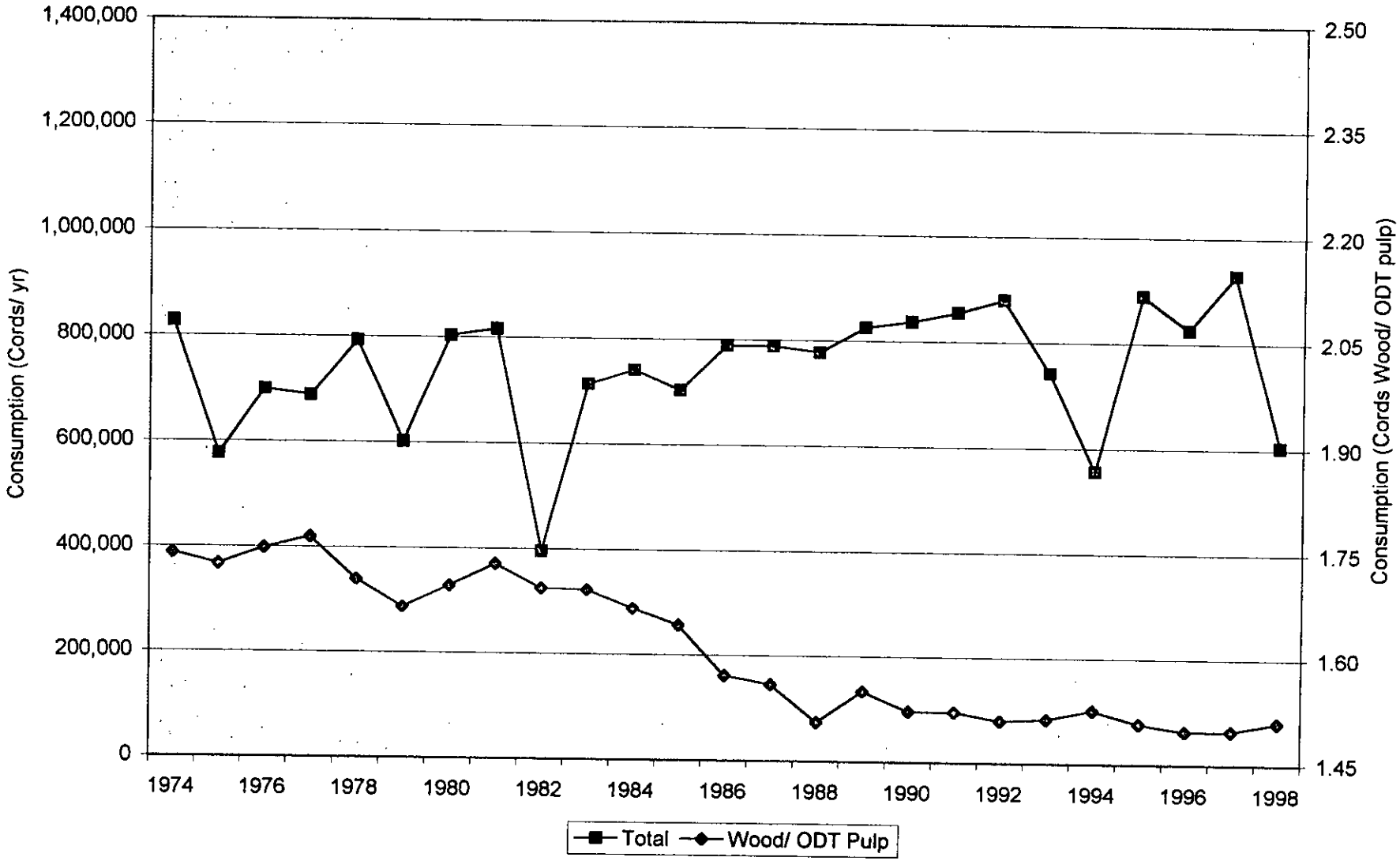


BLS Consumption
Panama City



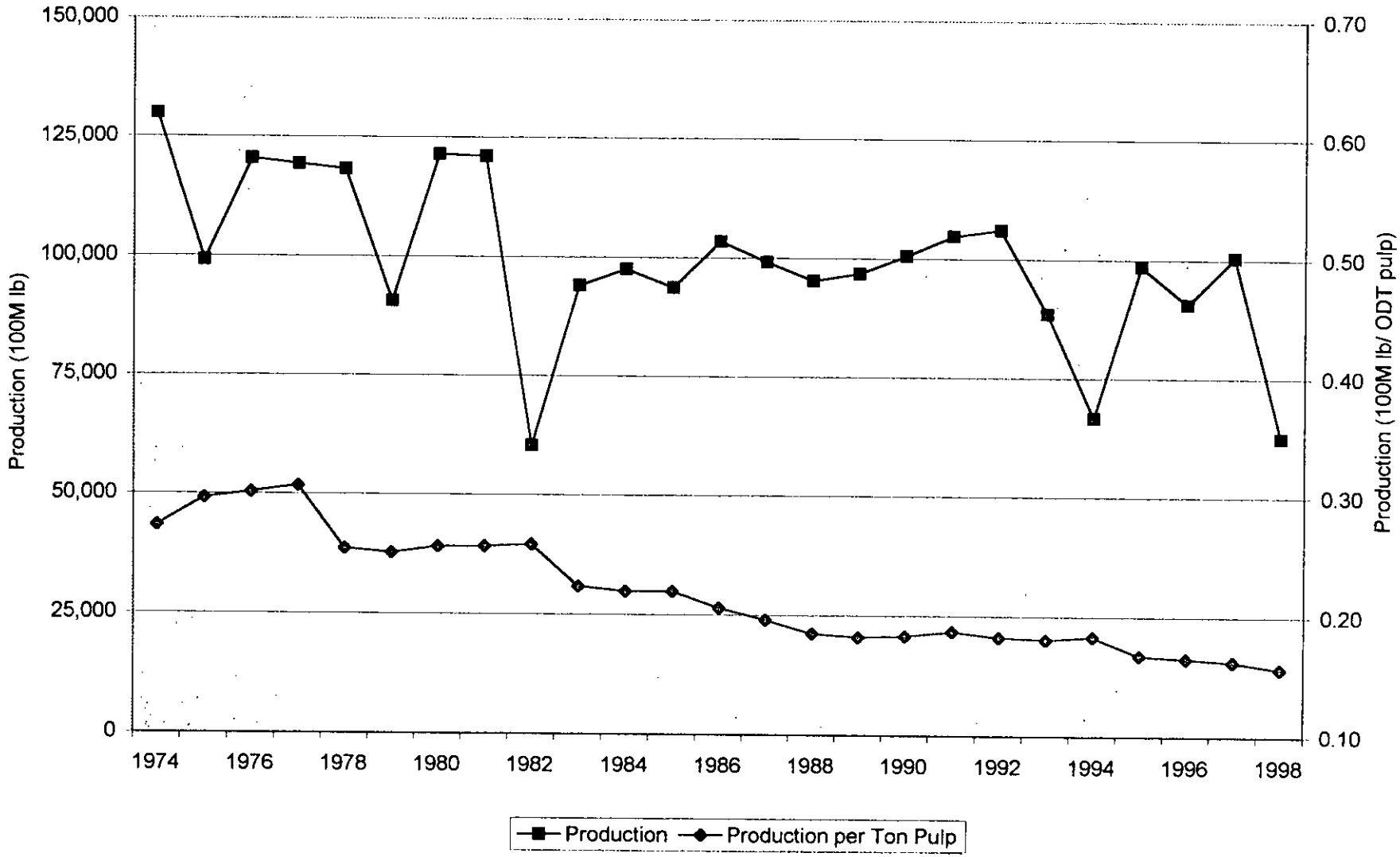
WOOD CONSUMPTION

Panama City

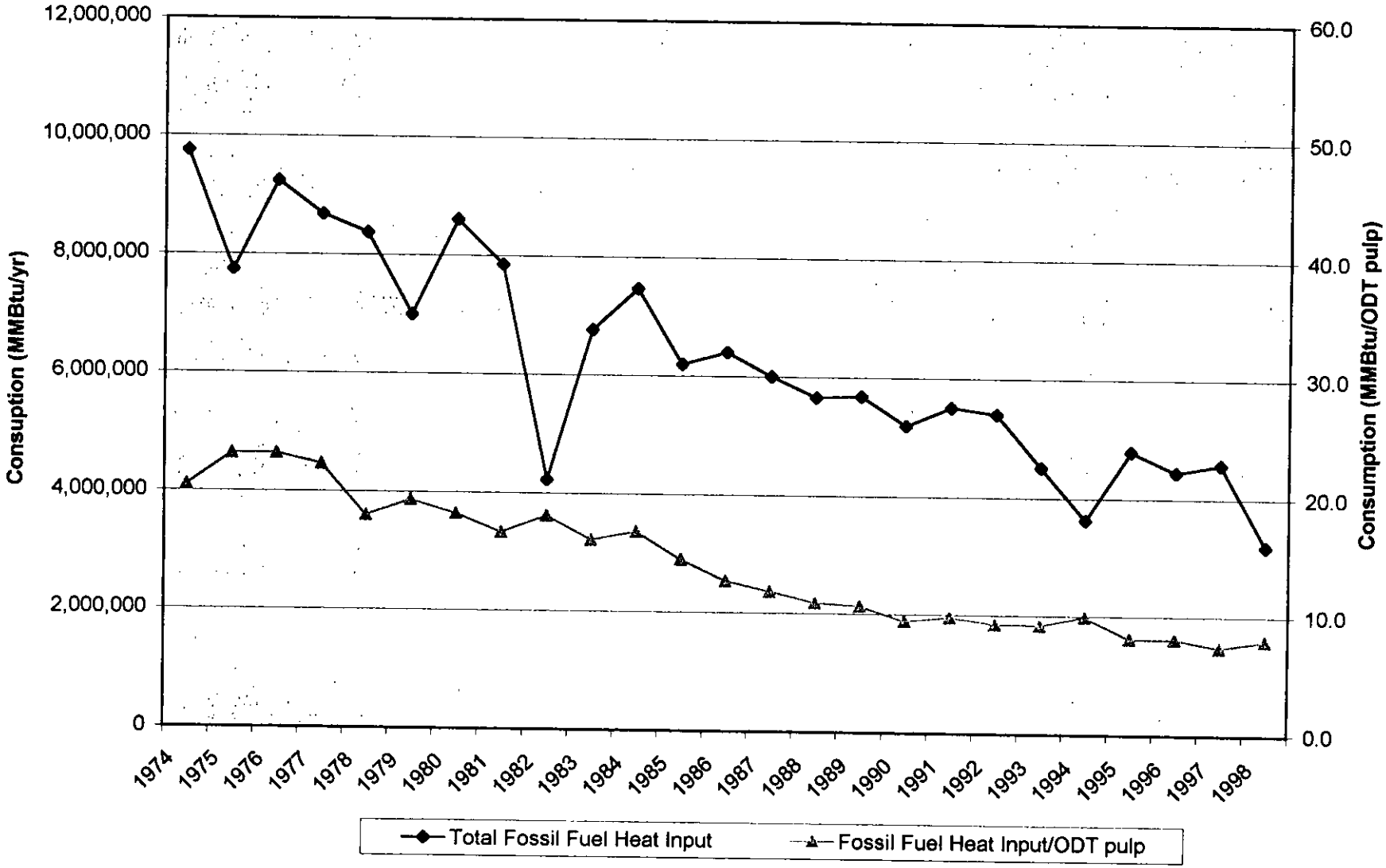


STEAM PRODUCTION

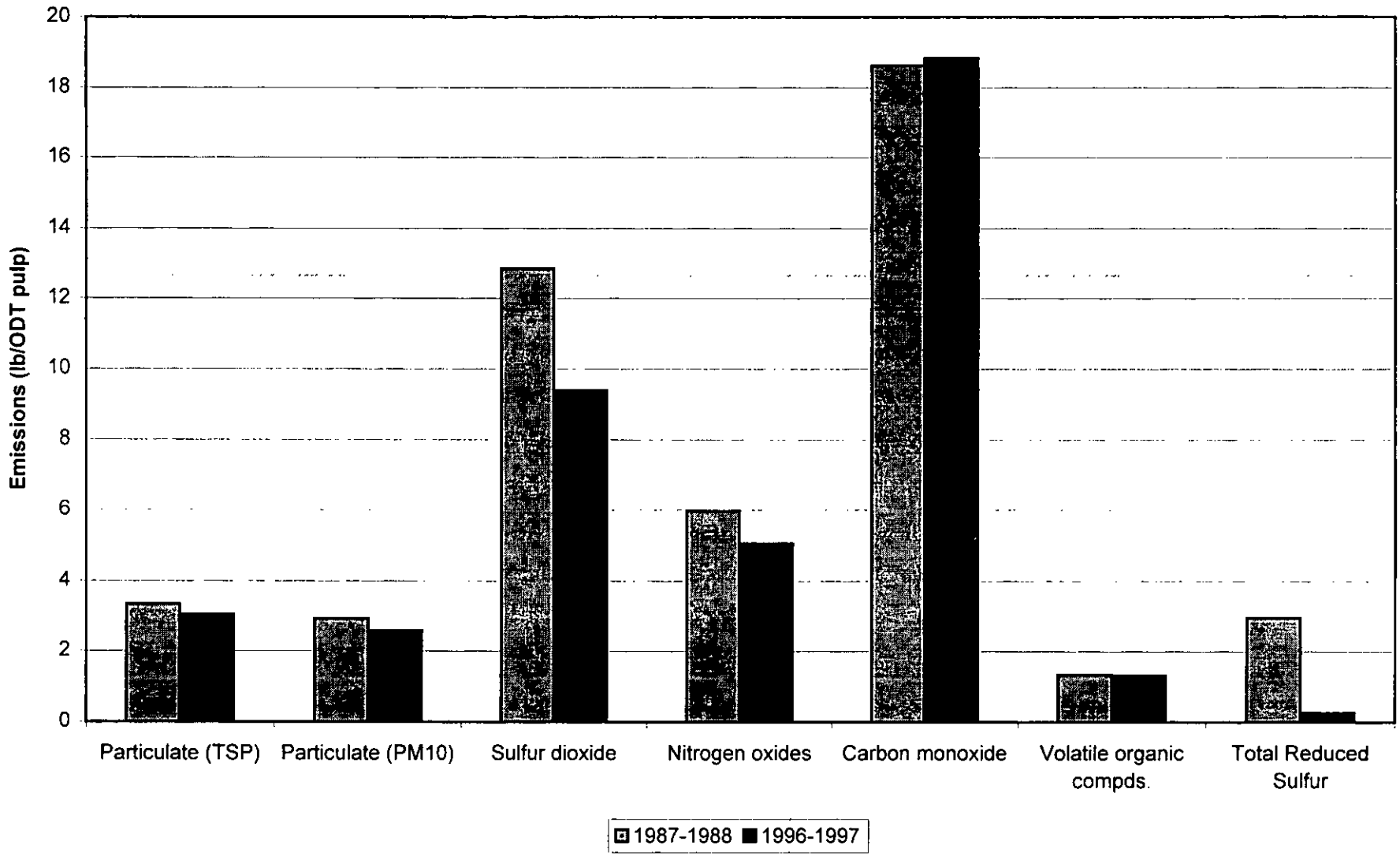
Panama City



Fossil Fuel Consumption



EMSSIONS PER TON OF PULP



APPENDIX B

PERMITS

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.

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.

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

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% O_2 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.

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 SO_2 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 Twachtmann

Dale Twachtmann, Secretary

Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

June 11, 1996

David Riley
Stone Container Corporation
1 Everitt Avenue
Panama City, Florida 32402

Dear Mr. Riley:

This is in response to Mr. David Buff's May 24 letter requesting that permits AO-03270940 and AC03-252285 be amended regarding the maximum allowable operating rate of 120 TPH ADUP in the previous permits. The 87.3 TPH used in specific condition 2 was taken from page 12 of your AO application as the maximum production rate, but since the production can not be tracked on an hourly basis due to the sequencing of the 22 digesters, an average rate should not be used as a maximum allowable.

This letter can be used as a clarifying amendment to the permits restoring the 120 TPH limit as requested and, for PSD purposes, the annual production rate of the digester system remains at 668,850 tons of air dry unbleached pulp (ADUP) per year.

If you have any comments or questions please contact Andy Allen at (904) 444-8364.

Sincerely,

Ed K. Middleswart

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

EKM:aac

cc: DEP Division of Air Resources Management, Tallahassee

Department of
Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Date of Issue: July 5, 1994
Expiration Date: June 15, 1995
County: Bay
Latitude/Longitude:30°08'30"N/85°37'25"W
Project: Digester System Rebuild

This permit is issued under the provisions of section 403.087,Florida Statutes, and Florida Administrative Code Rules 17-296, 17-297 and 17-4. The above named applicant, hereinafter called permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

The 22 digester systems will be replaced in kind and the emissions will be totally contained in the existing NCG collection system and routed to the lime kiln for incineration. The No. 4 Bark Boiler serves as backup to the lime kiln for TRS incineration. The TRS gases will be subjected to a minimum temperature of 1200 degrees Fahrenheit for at least 0.5 seconds in either of the two combustion devices. The 22 batch digester systems consist of five blow tanks, one accumulator tank with a condenser before and after the accumulator tank and a turpentine condensing system following the accumulator. The maximum process rate will not increase as a result of the new digester system.

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 and Paper Industry Major Group 26:
Sulfate (Kraft) Pulping
BATCH DIGESTER SYSTEM 3-07-001-01
TERPENE CONDENSER 3-07-001-07

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Date of Issue: July 5, 1994
Expiration Date: June 15, 1995

SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 17-4.160]

Construction

2. The Department shall be notified upon initial commissioning of the new Digester system. [FAC Rule 17-4.210]

3. The Department shall be notified and prior approval obtained of any changes or revisions from the June 6, 1994 application. [FAC Rule 17-4.210]

Operation

4. The digester system may operate continuously (8760 hours per year). [FAC Rule 17-4.070]

5. The maximum production rate will be 87.3 tons per hour air dried unbleached pulp (ADUP). [FAC Rule 17-4.070]

6. The non-condensible gases (NCG) from the batch digesters, blow tanks, accumulator tank and turpentine condenser system shall be destroyed in the Lime Kiln or the Bark Boiler by subjecting the TRS gases to at least 1200°F for at least 0.5 seconds. [FAC Rule 17-296.404(3)(e)]

7. The digester system is subject to the total reduced sulfur (TRS) emission limiting standard which requires combustion of the TRS gases in the lime kiln. [FAC Rule 17-296.404(3)(a)1]

Administrative

8. Submit an updated TRS VENTING CONTINGENCY PLAN with the request for the operation permit. The plan shall include definitions of what constitutes a reportable venting incident and an assessment of the use of the back-up control device.[17-296.404(3)3]

9. The new process equipment shall be installed in such a manner to facilitate regular inspections and maintenance to minimize fugitive gaseous emissions. [FAC Rule 17-4.070]

10. An annual operation report shall be submitted by March 1 each year. [FAC Rule 17-210.370]

11. A major air pollution source Annual Operation Fee Form must be completed and submitted with the appropriate fee between January 15 and March 1 of each year.[FAC Rule 17-213]

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Date of Issue: July 5, 1994
Expiration Date: June 15, 1995

SPECIFIC CONDITIONS:

12. The applicant shall retain a Professional Engineer registered in the State of Florida, for the inspection of the construction of this project. Upon completion the engineer shall inspect for conformity to the permit application and associated documents. A certificate of completion shall be submitted with the compliance test results for an operation permit. The permittee shall obtain an operating permit for this source before the expiration of this construction permit if the permittee desires to continue operation.[FAC Rule 17-4.050]

13. The permanent source identification number for this point source is 10PCY03000927. Please cite this number on all test reports and other correspondence specific to this permitted point source.[FAC Rule 17-297.570]

14. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 872-4375 during normal working hours. [FAC Rule 17-210.700]

Expiration Date:

June 15, 1995

Issued this 5th day of July, 1994.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Ed K. Middleswart

for BOBBY A. COOLEY
District Director

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Expiration Date: June 15, 1995

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

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 acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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 and at a reasonable time, access to the premises where the permitted activity is located or conducted to:

a. Have access to and copy any records that must be kept under the conditions of this permit;

b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Expiration Date: June 15, 1995

GENERAL CONDITIONS:

c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. A description of and cause of noncompliance; 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.

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

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 17-4.120 and 17-730.300, 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 or a copy thereof is required to be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

PERMITTEE:

Stone Container Corporation

I.D. Number: 10PCY03000927
Permit/Certification Number: AC03-252285
Expiration Date: June 15, 1995

GENERAL CONDITIONS:

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuousmonitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least 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 measurement;
- the person responsible for performing the sampling or measurement;
- 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.

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 the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.