

BEST AVAILABLE COPY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHEAST DISTRICT
2428 BILLS ROAD
JACKSONVILLE, FLORIDA 32207
304.798-4200

03/0067



BOB MARTINEZ
SOLICITOR
DALE TWACHMANN
SECRETARY
ERNEST E. FREY
DISTRICT MANAGER
DARYL L. CHAFFER
DISTRICT MANAGER

Permittee:	I.D. Number:	31-16-0067-27
Seminole Kraft Corp.	Permit/Certification No.:	A016-116141
9469 Eastport Road	Date of Issue:	February 5, 1987
Jacksonville, Fl 32218	Expiration Date:	December 31, 1991
	County:	Duval
	Latitude/Longitude:	30:25:15/81:36:00
	UTM:	E-7441.750 N-3365.600
	Project:	Evaporator No. 1

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

For the operation of multiple effect evaporator (MEE) No. One (1). Weak black liquor is sent to a six (6) stage (in series) evaporation system. Heat is applied to the black liquor in each stage driving off vapor and thus concentrating the liquor. Vapors from the sixth stage evaporator discharge to a SCHUTTE-KOERTING multi-jet spray type barometric condenser which discharges to the evaporator hot well.

In order to provide a comparison to the interim emission limit testing of TRS emissions shall be accomplished at a minimum of 90% of the maximum weak black liquor feed pumping rate. No additional interim tests will be required unless modifications are made to the liquor feed pumps which would increase black liquor flow. Operation of the multiple-effect evaporator shall be controlled so that total maximum TRS mass emissions shall not exceed 112.9 lbs/hr., 494.4 tons/year, at any operating rate. For Prevention of Significant Deterioration (PSD) and testing purposes only the maximum capacity of the unit is 275,000 pounds per hour.

Emission points(s) shall be as follows:

<u>Point</u>	<u>Source</u>
27	MEE No. 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



NORTHEAST DISTRICT
3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207
904-798-4200

BOB MARTINEZ
GOVERNOR
DALE WACHSMANN
SECRETARY
ERNEST E. FREY
DISTRICT MANAGER
DARYL J. SHAFER
DISTRICT MANAGER

Permittee:	I.D. Number:	31-16-0067-27
Seminole Kraft Corp.	Permit/Certification No.	A016-116141
9469 Eastport Road	Date of Issue:	February 5, 1987
Jacksonville, Fl 32218	Expiration Date:	December 31, 1991
	County:	Duval
	Latitude/Longitude:	30:25:15/81:36:00
	UTM:	E-7441.750 N-3365.600
	Project:	Evaporator No. 2

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

For the operation of multiple effect evaporator (MEE) No. Two (2). Weak black liquor is sent to a six (6) stage (in series) evaporation system. Heat is applied to the black liquor in each stage driving off vapor and thus concentrating the liquor. Vapors from the sixth stage evaporator discharge to a SCHUTTE-KOERTING multi-jet spray type barometric condenser which discharges to the evaporator hot well.

In order to provide a comparison to the interim emission limit testing of TRS emissions shall be accomplished at a minimum of 90% of the maximum weak black liquor feed pumping rate. No additional interim tests will be required unless modifications are made to the liquor feed pumps which would increase black liquor flow. Operation of the multiple-effect evaporator shall be controlled so that total maximum TRS mass emissions shall not exceed 112.9 lbs/hr., 494.4 tons/year, at any operating rate. For Prevention of Significant Deterioration (PSD) and testing purposes only the maximum capacity of the unit is 275,000 pounds per hour.

Emission point(s) shall be as follows:

<u>Point</u>	<u>Source</u>
28	MEE No. 2

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHEAST DISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207
904/798-4200BOB MARTINEZ
SOLICITOR
DALE TRACHTMANN
SECRETARY
ERNEST E. FREY
DISTRICT MANAGER
JERRY L. CHAPPEL
DISTRICT MANAGER

Permittee:	I.D. Number:	31-16-006/-27
Seminole Kraft Corp.	Permit/Certification No.:	A016-116141
9469 Eastport Road	Date of Issue:	February 5, 1987
Jacksonville, Fl 32218	Expiration Date:	December 31, 1991
	County:	Duval
	Latitude/Longitude:	30:25:15/81:36:00
	UTM:	E-7441.750 N-3365.600
	Project:	Evaporator No. 3

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

For the operation of multiple effect evaporator (MEE) No. Three (3). Weak black liquor is sent to a six (6) stage (in series) evaporation system. Heat is applied to the black liquor in each stage driving off vapor and thus concentrating the liquor. Vapors from the sixth stage evaporator discharge to a SCHUTTE-KOERTING multi-jet spray type barometric condenser which discharges to the evaporator hot well.

In order to provide a comparison to the interim emission limit testing of TRS emissions shall be accomplished at a minimum of 90% of the maximum weak black liquor feed pumping rate. No additional interim tests will be required unless modifications are made to the liquor feed pumps which would increase black liquor flow. Operation of the multiple-effect evaporator shall be controlled so that total maximum TRS mass emissions shall not exceed 112.9 lbs/hr., 494.4 tons/year, at any operating rate. For Prevention of Significant Deterioration (PSD) and testing purposes only the maximum capacity of the unit is 275,000 pounds per hour.

Emission points(s) shall be as follows:

<u>Point</u>	<u>Source</u>
29	MEE No. 3