

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9610

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
RBO1A	No. 1 Recovery Boiler North Stack		PM	30.9	135.3	
			VOC	10.4	45.6	
			NOx	34.7	152.1	
			SO2**	172.0	251.1	
			SO3	0.7	3.1	
			CO	325.4	1425.1	
			TRS	6.7	29.3	
RBO1B	No. 1 Recovery Boiler South Stack		PM	30.9	135.3	
			VOC	10.4	45.6	
			NOx	34.7	152.1	
			SO2**	172.0	251.1	
			SO3	0.7	3.1	
			CO	325.4	1425.1	
			TRS	6.7	29.3	
RBO2A	No. 2 Recovery Boiler West Stack		PM	42.5	176.9	
			VOC	23.9	99.5	
			NOx	112.4	467.7	
			SO2	377.0	522.8	
			SO3	14.1	19.6	
			CO	218.5	908.9	
			TRS	3.3	13.9	
RBO2B	No. 2 Recovery Boiler East Stack		PM	42.5	176.9	
			VOC	23.9	99.5	
			NOx	112.4	467.7	
			SO2	377.0	522.8	
			SO3	14.1	19.6	
			CO	218.5	908.9	
			TRS	3.3	13.9	

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
SO3 - sulfur trioxide  
CO - carbon monoxide  
TRS - total reduced sulfur

- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

- \*\* SO2 emission rates have been determined from and are based on Continuous Emission Monitoring data and Special Provision No. 6 which limits the maximum hourly average annual in-stack SO2 concentrations from Recovery Boiler No. 1 to 300 ppmv and 100 ppmv, respectively.

Compliance with these permitted emission limits is based on total black liquor solids of 99.25 tons per hour burnt in the No. 2 Recovery Boiler and a total annual mill's production rate of 736,023 tons of bone dry unbleached pulp.

Revised\_\_\_\_\_