

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2970

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		
SMO2	No. 2 Smelt Tank Scrubber			TSP	18.9	82.6
				PM10	18.9	82.6
				VOC	6.0	26.1
				SO2	13.4	58.7
				SO3	0.4	1.9
				TRS**	3.1	13.9
				NOx	3.3	14.3
CLTO2	No. 2 Concentrated Liquor Tank			VOC	1.2	5.3
				TRS**	0.8	3.5
SMO1	No. 1 Smelt Tank Scrubber			TSP	10.9	47.7
				PM10	10.9	47.7
				VOC	3.3	14.3
				SO2	7.5	24.7
				SO3	0.21	0.92
				TRS**	1.8	7.9
				NOx	1.8	7.9
CLTO1	No. 1 Concentrated Liquor Tank			VOC	1.2	5.3
				TRS**	0.8	3.5
BATO1	No. 1 Boiler Ash Tank			VOC	1.2	5.3
				TRS**	1.2	5.3
PATO1	No. 1 Precipitator Ash Tank			VOC	1.2	5.3
				TRS**	1.6	7.0

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) TSP - total suspended particulate including PM10
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
SO2 - sulfur dioxide
SO3 - sulfur trioxide
TRS - total reduced sulfur
NOx - nitrogen oxides

* 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

** TRS emission rates are reported as H2S.

Total maximum of 54.5 tons per hour, and 99.25 tons per hour of virgin black liquor solids burned in Nos. 1 and 2 Recovery Boilers, respectively.

Revised _____