

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

9654A

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		
1A	Recovery Boiler			VOC	50.00	217.00
				NOX	90.00	394.00
				SO2	907.67	1336.93
				PM10	56.00	247.00
				CO	1375.00	6023.00
				TRS	24.00	41.00
				H2S04	12.30	53.70
1B	Recovery Boiler			VOC	50.00	217.00
				NOX	90.00	394.00
				SO2	907.67	1336.93
				PM10	56.00	247.00
				CO	1375.00	6023.00
				TRS	24.00	41.00
				H2S04	12.30	53.70
2	Bark Boiler			VOC	20.00	88.00
				NOX	104.00	456.00
				SO2	5.00	22.00
				PM10	33.00	145.00
				CO	600.00	2628.00
2A	PFI Boiler			VOC	10.00	44.00
				NOX	154.00	675.00
				SO2	5.00	22.00
				PM10	3.00	13.00
				CO	70.00	307.00
3	Dissolving Tanks			SO2	2.10	9.02
				PM10	6.90	30.00
				TRS	0.60	2.50

4	Dissolving Tanks	SO2	2.10	9.20
		PM10	6.90	30.00
		TRS	0.60	2.50

5	Salt Silo	PM10	0.30	0.06
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Page 2
9654A

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
6	Salt Silo	PM10		0.03	0.06
9	Lime Silo	PM10		3.40	2.00
10	Slaker	PM10		2.00	8.60
11	Lime Kiln	VOC		4.70	21.00
		NOX		42.00	182.00
		SO2		57.80	84.30
		PM10		30.00	131.00
		CO		337.00	1474.00
		TRS		6.40	11.20
12	Tall Oil Reactor	TRS		0.80	0.27
13	Slaker	PM10		2.00	8.60
16	Brown Stock Washers	TRS		4.00	17.50
17	Brown Stock Washers			4.00	17.50
19	Lime Silos	PM10		0.01	0.01
32	Crude Turpentine Tank	VOC		<0.01	0.02
36	Synthetic White Liquor Tank	TRS		<0.01	0.02
37	No. 6 Fuel Oil Tank	VOC		<0.01	0.01

38	No. 6 Fuel Oil Tank	VOC	<0.01	0.01
63	Weak Black Liquor Tank	TRS	0.43	1.87
64	Weak Black Liquor Tank	TRS	0.43	1.87
65	Weak Black Liquor Tank	TRS	0.43	1.87
66	Heavy Black Liquor Tank	TRS	<0.01	0.01
67	Heavy Black Liquor Tank	TRS	<0.01	0.01
68	Boilout Tank	TRS	0.50	2.20

Page 3
9654A

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u>	
				TPY	
71	Combined Condensate Tank		TRS	0.06	0.20
72	Gasoline Tank		VOC	-	0.20
73	No. 2 Fuel Oil Tank		VOC	-	0.20
74	Black Liquor Pond		TRS	-	3.20
80	Wood Yard (4)		PM10	-	3.80
81-83	Truck Traffic (4)		PM10	-	389.00
84	Soap Concentrators		TRS	<0.01	0.01
85	Soap Concentrators		TRS	<0.01	0.01
86	Filtrate Tank		VOC	45.70	62.00
	Condenser		TRS	0.20	0.40

- (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) PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOX - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
H2SO4 - sulfuric acid
TRS - total reduced sulfur
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Based on a maximum annual averaged throughput of 1,700 tons per day of air dry pulp.

Hrs/day 24 Days/week 7 Weeks/year 52 Hrs/year 8,760

Revised _____