

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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
			NO _x		90.00	394.00
			SO ₂		915.70	1372.00
			PM ₁₀		56.00	247.00
			CO		1375.00	6023.00
			TRS		24.00	41.00
1B	Recovery Boiler		VOC		50.00	217.00
			NO _x		90.00	394.00
			SO ₂		915.70	1372.00
			PM ₁₀		56.00	247.00
			CO		1375.00	6023.00
			TRS		24.00	41.00
2	Bark Boiler		VOC		20.00	88.00
			NO _x		104.00	456.00
			SO ₂		5.00	22.00
			PM ₁₀		33.00	145.00
			CO		600.00	2628.00
2A	PFI Boiler		VOC		10.00	44.00
			NO _x		49.83	218.26
			SO ₂		5.00	22.00
			PM ₁₀		3.00	13.00
			CO		70.00	307.00
3	Dissolving Tanks		SO ₂		2.10	9.20
			PM ₁₀		6.90	30.00
			TRS		0.60	2.50
4	Dissolving Tanks		SO ₂		2.10	9.20

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant		Emission Rates *	
			lb/hr	TPY **		
				PM ₁₀	6.90	30.00
				TRS	0.60	2.50
5	Salt Silo			PM ₁₀	0.30	0.06
6	Salt Silo			PM ₁₀	0.03	0.06
9	Lime Silo			PM ₁₀	3.40	2.00
10	Slaker			PM ₁₀	2.00	8.60
11	Lime Kiln			VOC	4.70	21.00
				NO _x	42.00	182.00
				SO ₂	57.80	84.30
				PM ₁₀	30.00	131.00
				CO	337.00	1474.00
				TRS	6.40	11.20
12	Tall Oil Reactor			TRS	0.80	0.12
13	Slaker			PM ₁₀	2.00	8.60
16	Brown Stock Washer A			TRS	4.00	17.50
				VOC	0.91	4.00
17	Brown Stock Washer B			TRS	4.00	17.50
19	Lime Silos			PM ₁₀	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	0.02

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	Name (2)	Name (3)	lb/hr	TPY **		
38	No. 6 Fuel Oil Tank			VOC	<0.01	0.02
59	Filtrate Tanks			VOC	-	58.00
60	Filtrate Tanks			VOC	-	58.00
63-65	Weak Black Liquor Tanks			TRS	1.30	5.60
66,67	Heavy Black Liquor Tanks			TRS	<0.01	0.02
68	Boilout Tank			TRS	0.50	2.20
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)			PM ₁₀	-	3.80
84,85	Soap Concentrators			TRS	<0.01	0.02
100	Chemi-Washer (4)			TRS	<0.01	<0.01
				VOC	0.09	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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide

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	CO	- carbon monoxide			
	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:

** All annual emissions are based on a rolling 12-month period.

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

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

Dated _____