

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7286

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 Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BOILER-1	Bark Boiler Scrubber Stack 52.9		NO _x	12.1
		SO ₂	1.81	7.95
		CO	101	441
		TSP	9.47	41.5
		PM ₁₀	9.47	41.5
		VOC	7.96	34.9
PLANER-1	Planer Mill Cyclone	TSP	14.4	63.1
		PM ₁₀	14.4	63.1
KILN-1	Wood Drying Kiln No. 1 (a)		VOC	61.6
KILN-2	Wood Drying Kiln No. 2 (a)		VOC	61.6
	Total Wood Drying Kilns (a) 380		VOC	
DEBARK-1	Log Debarker (b)	TSP	0.56	0.81
		PM ₁₀	0.17	0.24
SAW-1	Cut-up Saws (c)	TSP	4.10	5.9
		PM ₁₀	1.20	1.8
CHIPBIN-1	Truck Loadout (d)	TSP	0.07	0.02
		PM ₁₀	0.03	0.01
CHIPBIN-2	Truck Loadout (e)	TSP	0.087	0.06

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			lb/hr	TPY
		PM ₁₀	0.041	0.03
CHIPBIN-3	Truck Loadout (f)	TSP	0.029	<0.01
		PM ₁₀	0.014	<0.01
TP-FUG	Transfer Point Fugitives (4) 0.31	TSP		0.16
		PM ₁₀	0.08	0.152
HR-FUG	Haul Road Fugitives (4)	TSP	2.95	2.31
		PM ₁₀	1.33	1.04

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

TSP - total suspended particulate matter

PM₁₀ - particulate matter 10 microns or less in diameter

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by a maximum operating schedule of 8,760 hours per year and the following throughputs:

(a)	Lumber Kiln capacity	17.6 MBF/hour
146,000	MBF/year	
(b)	Log Process Rate 232	tons/hour 676,900
tons/year		
(c)	Sawing Operations 50	MBF/hour 146,000

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<hr/>				
MBF/year				
(d)	Chip Bin No. 1 Loadouts		50 tons/hour	
35,040	tons/year			
(e)	Chip Bin No. 2 Loadouts		171 tons/hour	
214,620	tons/year			
(f)	Chip Bin No. 3 Loadouts		57 tons/hour	
3,600	tons/year			

Dated _____