

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22521

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
EP-1	Cut-Up Saw	PM	1.5	1.5
		PM <sub>10</sub>	0.825	0.825
EP-2	Debarker	PM	1.0	1.0
		PM <sub>10</sub>	0.550	0.550
EP-3	Sawmill	PM	<0.01	0.019
		PM <sub>10</sub>	<0.01	<0.01
EP-4	Sorter and Stacker	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
EP-5	Planer Mill	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
EP-6	Fuel Storage Silos	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
EP-7.1	Chip Pile (4)	PM	0.540	2.367
EP-7.2	Bark Pile (4)	PM	0.628	2.751
EP-8.1	Log Truck Traffic (4)	PM	4.69	4.11
		PM <sub>10</sub>	1.69	1.48
EP-8.2	Log Unloading Vehicle Traffic (4)	PM	3.68	3.22
		PM <sub>10</sub>	1.32	1.16
EP-8.3	Log Processing Vehicle	PM	3.68	3.22

Traffic (4)

PM<sub>10</sub>

1.32

1.16

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			lb/hr	TPY
EP-8.4	Sawdust By-Product Truck Traffic (4)	PM PM <sub>10</sub>	1.40 0.50	0.08 0.03
EP-8.5	Bark By-Product Truck Traffic (4)	PM PM <sub>10</sub>	1.40 0.50	0.20 0.07
EP-8.6	Wood Chip By-Product Truck Traffic (4)	PM PM <sub>10</sub>	1.52 0.55	1.24 0.45
EP-8.7	Shavings By-Product Truck Traffic (4)	PM PM <sub>10</sub>	1.49 0.54	0.15 0.05
EP-8.8	Lumber Truck Traffic (4)	PM PM <sub>10</sub>	6.63 2.39	2.49 0.90
EP-9	Green Bin Cyclone	PM	0.88	2.55
EP-10.1	Boiler Unit Two Stack	PM <sub>10</sub> VOC NO <sub>x</sub> SO <sub>2</sub> CO	2.11 3.06 1.2 0.27 4.20	8.86 12.85 5.04 1.13 17.64
EP-10.1.1	Cyclone Separator	PM	0.88	2.5
EP-10.2	Kiln Unit Two	PM <sub>10</sub> VOC CH <sub>3</sub> OH HCHO	2.0 12.0 0.1 0.001	7.0 46.00 0.5 0.04
EP-11.1	Boiler Unit One	PM <sub>10</sub> VOC NO <sub>x</sub> SO <sub>2</sub> CO	5.7 0.33 5.43 0.11 8.6	23.94 1.39 22.81 0.462 36.12

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EP-11.2	Kiln Unit One	PM <sub>10</sub>	3.0	10.0
		VOC	16.0	68.0
		CH <sub>3</sub> OH	0.2	0.8
		HCHO	0.01	0.06

(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<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

CH<sub>3</sub>OH - methanol

HCHO - formaldehyde

(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 50 Weeks/year or 8,400 Hrs/year

A total maximum annual lumber production limit of 65,000,000 board feet.

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated\_\_\_\_\_