

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

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Permit No. 35878

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.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>tons/yr</u>
001	Burner / Boiler (29.9 million Btu/hr) 3.9	PM	6.1	18.3
		NO <sub>x</sub>		1.3
		SO <sub>2</sub>	0.3	0.9
		CO	23.0	69.0
		VOC	0.6	1.7
002	Kiln	VOC	16.0	46.7
003	Planer	PM	0.75	1.0
004	Chipper	PM	0.025	0.03
005	Cut-off	PM	0.05	0.06

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006	FW L/O	PM	1.2	1.5
007	Bark L/O	PM	0.004	0.005
008	Chip L/O	PM	0.02	0.03
009	Shav L/O	PM	0.006	0.007
010a	Saw A	PM	1.2	1.5
010b	Saw B	PM	0.2	0.3
011	Debarker	PM	0.1	0.12

(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) 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.

NO<sub>x</sub> - total oxides of nitrogen

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

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1, and evaluated for this permit as terpenes and pinenes (100% and 90.1%, respectively, of the allowable emission rate).

\* Annual emission rates for the Burner/Boiler (EPN 001) and the Kiln (EPN 002) are based on and the facilities are limited by the following

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maximum operating schedule at the maximum production rate:

Hrs/day 24 Days/week 7 Weeks/year 35.71 or Hrs/year 6,000

The Allowable Annual emission rates are calculated based on 6000 hours operation per year at the maximum rate. If the Applicant is operating at less than the maximum rate, then the number of hours of operation would increase up to the annual limit on board feet (35,000,000).

- \* Annual emission rates for EPN 003 through 011 are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 10 Days/week 7 Weeks/year 35.71 or Hrs/year 2,500

The Allowable Annual emission rates are calculated based on 2500 hours operation per year at the maximum rate. If the Applicant is operating at less than the maximum rate, then the number of hours of operation would increase up to the annual limit on board feet (35,000,000).

Dated\_\_\_\_\_