

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19761

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Burner	PM <sub>10</sub>	3.15	9.45
		VOC	0.18	0.54
		NO <sub>x</sub>	0.38	1.14
		CO	6.60	19.80
		SO <sub>2</sub>	0.15	0.45
2	Kiln	VOC	4.63	13.88
3	Debarker (4)	PM	<0.01	0.15
4	Saw (4)	PM <sub>10</sub>	2.35	7.06
5	Planer (4)	PM <sub>10</sub>	0.66	1.98
6	Chipper (4)	PM <sub>10</sub>	0.004	0.01
7	Cutoff (4)	PM <sub>10</sub>	0.02	0.03
8	Bark Loadout (4)	PM	0.001	0.002
9	Chip Loadout (4)	PM <sub>10</sub>	0.01	0.01
10	Shavings Loadout (4)	PM <sub>10</sub>	0.002	0.003

(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

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is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

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

CO - carbon monoxide

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

(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 5 Days/week 50 Weeks/year or 6,000 Hrs/year

Kiln: 1,250 board feet/hr and 7,500,000 board feet per year of lumber dried.

Burner: 2,000 lb/hr of wood waste burned or 18 million Btu/hr.

Debarker: 42,526 tons per year of logs debarked.

Saw: 40,345 tons per year of logs sawed.

Planer: 11,315 tons per year of lumber.

Debarker, saw and planer rates were assumed to be half of rates used by Ogletree Lumber (Permit No. 20104) which processes 15,000,000 board feet per year.

Dated\_\_\_\_\_