

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 82522

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**
ML-1	Material Loadout (4)	PM	0.05	0.10
		PM <sub>10</sub>	0.02	0.05
WBS-2	Boiler Multi-clone Stack	PM <sub>10</sub>	6.60	28.86
		VOC	0.47	2.04
		NO <sub>x</sub>	6.04	26.45
		SO <sub>2</sub>	0.70	3.01
		CO	16.48	72.14
DK-3	Kiln (4)	PM <sub>10</sub>	0.27	0.53
		VOC	14.18	31.08
DB-5	Debarker (4)	PM	0.32	0.70
		PM <sub>10</sub>	0.15	0.32
MS-6	Sawmill (4)	PM	0.70	1.51
		PM <sub>10</sub>	0.40	1.00
CHIP-7	Chipper (4)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
FSL-8	Fuel Silo Loadout (4)	PM	0.18	0.40
		PM <sub>10</sub>	0.06	0.13
FWS-9	Storage Bin Silos (4)	PM	0.21	0.46
		PM <sub>10</sub>	0.07	0.16
PLNR-10	Planer Cyclone Stack	PM	0.60	1.30
		PM <sub>10</sub>	0.24	0.52
FP-11	Wood Waste Stockpiles	PM	0.12	0.54

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	(4)	PM <sub>10</sub>	0.04	0.18
AH-12	Ash Handling/Loadout	PM	0.05	0.12
	(4)	PM <sub>10</sub>	0.02	0.04

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 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  
 CO - carbon monoxide
- (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 52 Weeks/year or 4,380 Hrs/year

## Maximum Throughput Rates:

Kiln (EPN DK-3):	<u>4.27</u>	Mbf/hr	<u>18,720</u>
Mbf/yr			
Boiler wood fuel feed rate:	<u>6,100</u>	lb/hr	<u>26,718</u> ton/yr

Only the steam dry kiln and the wood-fired boiler are limited to a maximum annual operating schedule of 8,760 hours per year. All other permitted facilities are limited to a maximum annual operating schedule of 4,380 hours per year.

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated December 11, 2007