

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 35901

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
1	Material Handling (4)	PM	23.63	26.57
		PM <sub>10</sub>	0.68	0.75
2	Central Baghouse	PM <sub>10</sub>	0.43	0.49
3	Stockpiles (4)	PM	0.01	0.51
		PM <sub>10</sub>	0.01	0.26
4	Caterpillar 3412 Engine	PM <sub>10</sub>	1.74	1.96
		VOC	0.14	0.16
		NO <sub>x</sub>	13.63	15.34
		SO <sub>2</sub>	1.62	1.83
		CO	0.47	0.53

(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.

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

CO - carbon monoxide

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(4) Fugitive emissions.

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

10 Hrs/day 5 Days/week 52 Weeks/year or 2,600 Hrs/year

Maximum Hourly Production: 150 Cubic yards/hour

Maximum Annual Production: 337,500 Cubic yards/year

Dated \_\_\_\_\_