

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55449L001

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
F1	Aggregate Handling (4)	PM	0.24	0.12
		PM <sub>10</sub>	0.11	0.05
F2	Crushing Operations (4)	PM	1.86	1.43
		PM <sub>10</sub>	0.74	0.61
F3	Screening Operations (4)	PM	0.87	0.44
		PM <sub>10</sub>	0.42	0.21
F4	Stockpiles (4)	PM	-	4.10
		PM <sub>10</sub>	-	1.97
F5	Caterpillar 3406C Engine (4)	NO <sub>x</sub>	14.26	21.39
		CO	3.07	4.61
		SO <sub>2</sub>	0.94	1.41
		PM <sub>10</sub>	1.01	1.52
		HC	1.16	1.73

- (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 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> - nitrogen oxides  
 CO - carbon monoxides  
 SO<sub>2</sub> - sulfur dioxide  
 HC - hydrocarbons
- (4) Fugitive emissions are an estimate only.

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

10 Hrs/day 6 Days/week 50 Weeks/year or 3,000 Hrs/year

Primary Crusher: 500 Tons/hour 500,000 Tons/year

Secondary Crusher: 300 Tons/hour 200,000 Tons/year

Total Facility: 500,000 Tons/year

Dated October 23, 2003