

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 21393

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, sources, and related activities. 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 (7) *	
			lbs/hour	TPY
3	Primary Jaw Crusher No. 1 (4)	PM	0.05	0.08
		PM <sub>10</sub>	0.03	0.04
8	Primary Jaw Crusher No. 2 (4)	PM	0.05	0.08
		PM <sub>10</sub>	0.03	0.04
13	Secondary Cone Crusher (4)	PM	0.36	0.51
		PM <sub>10</sub>	0.16	0.23
11	Screen (4)	PM	1.54	2.20
		PM <sub>10</sub>	0.52	0.74
MTH	Material Handling (4) (5)	PM	0.90	1.31
		PM <sub>10</sub>	0.30	0.44
LDG	Loading and Unloading (4)	PM	0.15	0.21
		PM <sub>10</sub>	0.07	0.10
5	Stockpiles (4) (6)	PM	--	4.25
		PM <sub>10</sub>	--	2.13

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- (4) Fugitive emissions are an estimate only.
- (5) Emission rates include drop points 1-2, 4-7, 9-10, 12, 14-23.
- (6) Emissions based on 3 acres of active stockpiles and 2 acres of inactive stockpiles.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

12 Hrs/day 7 Days/week 52 Weeks/year 4,368 Hours/year

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Primary Jaw Crusher No. 1: 250 Tons/hour 714,286 Tons/year

Primary Jaw Crusher No. 2: 250 Tons/hour 714,286 Tons/year

Secondary Cone Crusher: 300 Tons/hour 857,143 Tons/year

Total Facility Throughput: 700 Tons/hour 2,000,000 Tons/year

Date: September 12, 2013