

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 44763

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) (4)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
3	Crusher #1 (Jaw)	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	0.01	0.03
11	Crusher #2 (Impact)	PM	0.05	0.18
		PM <sub>10</sub>	0.02	0.08
		PM <sub>2.5</sub>	<0.01	0.01
23	Crusher #3 (Cone)	PM	0.03	0.13
		PM <sub>10</sub>	0.02	0.06
		PM <sub>2.5</sub>	<0.01	0.01
8	Screen #1	PM	0.13	0.50
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	<0.01	0.01
12	Screen #2	PM	0.08	0.29
		PM <sub>10</sub>	0.03	0.10
		PM <sub>2.5</sub>	<0.01	0.01
19	Screen #3	PM	0.05	0.19
		PM <sub>10</sub>	0.02	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
25	Screen #4	PM	0.10	0.36
		PM <sub>10</sub>	0.03	0.12
		PM <sub>2.5</sub>	<0.01	0.01

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Emission Point No. (1)	Source Name (2) (4)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
1-2, 4-7, 9-10,13-18, 20-22, 24, 26-27, and LDG	Material Handling	PM	0.79	2.93
		PM <sub>10</sub>	0.28	1.03
		PM <sub>2.5</sub>	0.13	0.45
STK	Stockpiles	PM	-	3.21
		PM <sub>10</sub>	-	1.60
		PM <sub>2.5</sub>	-	0.24

- (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  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only.

Dated November 9, 2010