

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7100

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>	
			lb/hr	TPY
3	Crusher No. 1 (HSI) (4)	PM	1.20	2.00
		PM ₁₀	0.54	0.90
		PM _{2.5}	0.10	0.17
6	Crusher No. 2 (Hammermill) (4)	PM	0.48	0.80
		PM ₁₀	0.22	0.36
		PM _{2.5}	0.04	0.07
11	Crusher No. 3 (HSI) (4)	PM	0.72	1.20
		PM ₁₀	0.32	0.54
		PM _{2.5}	0.06	0.10
16	Crusher No. 4 (VSI) (4)	PM	0.48	0.80
		PM ₁₀	0.22	0.36
		PM _{2.5}	0.04	0.07
4	Screen No. 1 (4)	PM	2.64	4.40
		PM ₁₀	0.89	1.48
		PM _{2.5}	0.06	0.10
9	Screen No. 2 (4)	PM	1.76	2.93
		PM ₁₀	0.59	0.99
		PM _{2.5}	0.04	0.07
12	Screen No. 3 (Wet) (4)	PM	0.15	0.25
		PM ₁₀	0.05	0.09
		PM _{2.5}	0.03	0.05
14	Screen No. 4 (Wet) (4)	PM	0.15	0.25
		PM ₁₀	0.05	0.09
			0.03	0.05

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		PM _{2.5}		
MTL	Material Handling (4)	PM	0.70	1.17
		PM ₁₀	0.26	0.43
		PM _{2.5}	0.15	0.25
STK	Stockpiles (4)	PM		11.59
		PM ₁₀		5.80
		PM _{2.5}		0.88

- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only.

Dated August 31, 2010