Emission Sources - Maximum Allowable Emission Rates

Permit Number 34146

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 Crusher (4)	PM	0.12	0.11
		PM_{10}	0.06	0.05
9	Secondary Crusher (4)	PM	0.48	0.45
		PM_{10}	0.22	0.20
16	Tertiary Crusher (4)	PM	0.30	0.28
		PM_{10}	0.14	0.13
5	Screen No. 1 (4)	PM	1.76	1.65
		PM_{10}	0.59	0.56
10	Screen No. 2 (4) (5)	PM	0.26	0.25
		PM_{10}	0.09	0.09
13	Screen No. 3 (4) (5)	PM	0.20	0.19
		PM_{10}	0.07	0.07
17	Screen No. 4 (4)	PM	0.55	0.52
		PM_{10}	0.19	0.17
1, 2, 4, 6-8, 11, 12, 14, 15, 18-21	Material Handling (4)	PM	0.56	0.53
		PM_{10}	0.19	0.18
LDG	Truck Loading (4)	PM	0.20	0.18
		PM_{10}	0.09	0.09
STK	Stockpiles (4) (6)	PM	--	3.61
		PM_{10}	--	1.81

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

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(5) Operated under water saturation conditions.
(6) Based on five acres of active stockpiles.
(7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 5, 2013