

Emission Sources - Maximum Allowable Emission Rates

Permit Number 81246

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 (6) *	
			lbs/hour	TPY **
2	Impact Crusher 1 (4)	PM	0.96	1.80
		PM ₁₀	0.47	0.89
8	Impact Crusher 2 (4)	PM	0.36	0.68
		PM ₁₀	0.18	0.33
15	Impact Crusher 3 (4)	PM	0.60	1.13
		PM ₁₀	0.27	0.51
23	VSI Crusher (4)	PM	0.12	0.23
		PM ₁₀	0.05	0.11
6	Screen 1 (4)	PM	0.66	1.24
		PM ₁₀	0.22	0.42
12	Wash Screen 2 (4) (5)	PM	0.13	0.23
		PM ₁₀	0.04	0.08
19	Wash Screen 3 (4) (5)	PM	0.13	0.23
		PM ₁₀	0.04	0.08
26	Wash Screen 4 (4) (5)	PM	0.08	0.14
		PM ₁₀	0.03	0.05
1, 3, 4, 7, 9, 10, 13, 14, 16-18, 20-22, 24, 27-31	Material Transfers (4) (5)	PM	0.83	1.55
		PM ₁₀	0.29	0.54
MTL	Loading and Unloading (4)	PM	0.06	0.11
		PM ₁₀	0.03	0.05
STK	Stockpiles (4)	PM	--	1.21
		PM ₁₀	--	0.60

(1) Emission point identification - either specific equipment designation or emission point number from plot

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- 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 PM₁₀ and PM_{2.5}, as represented
PM₁₀ - 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 and should not be considered as a maximum allowable emission rate.
 - (5) EPNs 12-14, 19-21, 24, 26, 27 and 29-31 are represented as operating under water saturated conditions.
 - (6) 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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Impact Crusher 1:	<u>800</u> Tons/hour	<u>3,000,000</u>	Tons/year
Impact Crusher 2:	<u>300</u> Tons/hour	<u>1,125,000</u>	Tons/year
Impact Crusher 3:	<u>500</u> Tons/hour	<u>1,875,000</u>	Tons/year
VSI Crusher 4:	<u>100</u> Tons/hour	<u>375,000</u>	Tons/year
Total Facility:	<u>800</u> Tons/hour	<u>3,000,000</u>	Tons/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Date: March 8, 2013