

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 47915

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)	Emission Rates *	
			lb/hr	TPY**
MCL-CR1	Jaw Crusher (4)	PM	0.10	0.28
		PM ₁₀ 0.05	0.13	
MCL-CR2	60" Cone Crusher (4)	PM	0.37	1.09
		PM ₁₀ 0.18	0.52	
MCL-CR3	54" Cone Crusher (4)	PM	0.25	0.72
		PM ₁₀ 0.12	0.34	
MCL-SC1	Grizzly Feeder/Screen (4)	PM	0.79	2.32
		PM ₁₀ 0.38	1.10	
MCL-SC2	Primary Screen (4)	PM	0.79	2.32
		PM ₁₀ 0.38	1.10	
MCL-SC3	Secondary/Screen (4)	PM	0.53	1.55
		PM ₁₀ 0.25	0.74	
MCL-SC4	Tertiary Screen (4)	PM	0.35	1.03
		PM ₁₀ 0.17	0.49	
MCL-TR1 thru MCL-TR12	Conveyors (4)	PM	0.25	0.67
		PM ₁₀	0.13	0.33
MCL-LO1 and MCL-LO2	Truck Loading (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
WASH-TR13 through WASH-TR20	Conveyors (4)	PM	<0.09	<0.15
		PM ₁₀	<0.08	<0.12
WASH-SC5	Washer Screen (4)	PM	0.02	0.05
		PM ₁₀ 0.01	0.02	

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			lb/hr	TPY**
MCL-SP1 through MCL-SP4, and WASH-SP5	Stockpiles (4)	PM PM ₁₀	0.73 0.34	

(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.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

(4) Fugitive emissions are an estimate only

* Emission rates are based on and the facilities are limited by the following maximum operating parameters:

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

<u>Source</u>	<u>Maximum Throughput</u> (Tons per Hour)	<u>Maximum Throughput</u> (Tons per Year)
Grizzley Feed Hopper	450	2,628,000
Jaw Crusher	450	2,628,000
60" Cone Crusher	300	1,752,000
54" Cone Crusher	200	1,168,000
Primary Screen	450	2,628,000
Secondary Screen	300	1,752,000
Tertiary Screen	200	1,168,000

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

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			<u>lb/hr</u>	<u>TPY**</u>

Dated June 10, 2005