

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1994

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
PRIMARY PLANT				
3	Primary Crusher (4)	TSP	4.0	4.4
		PM ₁₀	1.5	1.6
6	Screen (4)	TSP	8.9	9.8
		PM ₁₀	0.9	1.0
1, 2, 4, 5, 7, 8, 9, 10, 11, and 12	Aggregate Handling (4 and 5) 3.5	TSP		3.2
		PM ₁₀	1.5	1.6
14	Secondary Crusher (4)	TSP	1.0	3.5
		PM ₁₀	0.4	0.4
13, 15, 16, 17, and 18	Aggregate Handling (4 and 5) 14.4	TSP		13.1
		PM ₁₀	6.5	7.1
SECONDARY PLANT				
19, 20, 21, 22, 29, 30, 31, 32, 39, 40, 41, and 42		Screens (4 and 5)	TSP	52.1
			PM ₁₀	5.2
23, 25, 26, 27, 28,	Aggregate Handling (4 and 5)			

AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
33, 34, 35, 36, 37, 38, 43, 44, 45, 46, 47, 48, and 54	TSP 8.7	8.0	17.7 PM ₁₀	3.4
50, 51, and 52	Tertiary Crushers (4 and 5) 5.6		TSP	2.6
		PM ₁₀	0.9	2.1
24, 49, 53A, and 53B	Aggregate Handling (4 and 5) 14.3		TSP	6.5
		PM ₁₀	3.2	7.1

SAND PLANT OPERATION

57 through 61	Sand Handling (4 and 5)	TSP	1.2	2.7
		PM ₁₀	0.6	1.3

LOAD OUT OPERATIONS

62 through 70 and 73 through 76	Material Handling (4 and 5) 1.3 76 0.5		TSP	0.6
			PM ₁₀	0.2
71 and 72	Load Out Screens (4 and 5) 22.2		TSP	10.1
		PM ₁₀	1.0	2.2

TOTAL FACILITY STOCKPILES

AREA FUG	Stockpiles (4)	TSP	-	2.0
		PM ₁₀	-	1.0

(1) Emission point identification - either specific equipment

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) TSP - total suspended particulate
PM₁₀ - particulate matter less than 10 microns

(4) Fugitive emissions are an estimate only.

(5) Emission rates are the total for all listed emission points, not the emission rate for each listed point.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production/throughput rates:

Primary and Secondary Crusher:

10 Hrs/day 5 Days/week 52 Weeks/year or 2,200 Hrs/year

Screen Towers, Tertiary Crushers, and Sand Plant:

20 Hrs/day 5 Days/week 52 Weeks/year or 4,400 Hrs/year

Load Out Operations:

24 Hrs/day 6 Days/week 52 Weeks/year or 7,488 Hrs/year

Maximum Plant Throughput (Hopper/Feeder Input): 3,500 Tons/Hr and 7,700,000 Tons/Yr

Maximum Primary Crusher Throughput: 2,500 Tons/Hr and 5,500,000 Tons/Yr

Maximum Secondary Crusher Throughput: 600 Tons/Hr and 1,320,000 Tons/Yr

Maximum Tertiary Crushers (Combined Total) Throughput: 1,595 Tons/Hr and 7,018,000 Tons/Yr

Dated _____