

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit No. 9387A

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)	Name (3)	Air Contaminant lb/hr TPY	Emission Rates *	
Sand Plant Section					
1	Crushing (4)		TSP	0.92	1.04
			PM10	0.46	0.52
2	Screening (4)		TSP	9.52	10.78
			PM10	4.76	5.39
3	Material Handling (4)		TSP	0.44	0.50
			PM10	0.22	0.25
Wet Addition					
4	Crushing (4)		TSP	1.62	1.84
			PM10	0.81	0.92
5	Material Handling (4)		TSP	0.88	1.00
			PM10	0.22	0.50
Primary Crushing Facility					
6	Primary Crusher (4)		TSP	4.86	5.46
			PM10	2.43	2.73
7	Screen (4)		TSP	57.60	64.80
			PM10	28.80	32.40
8	Material Handling (4)		TSP	4.75	5.34
			PM10	2.38	2.67

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Secondary Crushing Facility

9	Secondary Crusher (4)	TSP	2.42	2.74
		PM10	1.21	1.37
10	Screening (4)	TSP	27.65	31.31
		PM10	13.82	15.66
11	Material Handling	TSP	2.53	2.87
		PM10	1.27	1.43

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Waste Material Operations

12	Crushers (4)	TSP	5.73	5.06
		PM10	2.86	2.58
13	Screening (4)	TSP	83.67	94.75
		PM10	41.83	47.37
14	Material Handling (4)	TSP	5.27	5.97
		PM10	2.64	2.98
15	Combined Loading Operations (4)	TSP	0.24	0.28
		PM10	0.12	0.14
16	Combined Roads and Stockpiles (4)	TSP	-	106.44
		PM10	-	53.22

- (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) TSP - total suspended particulate matter including PM10.
PM10 - particulate matter less than 10 microns in diameter.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 11 Days/week 6 Weeks/year 52 or Hrs/year 3,432

Primary Crushing: 1,200 tons/hour and 2,700,000 tons/year

Secondary Crushing: 576 tons/hour and 1,304,710 tons/year

Sand Plant Section: 595 tons/hour and 1,347,750 tons/year

Wet Addition: 300 tons/hour and 679,536 tons/year

Waste Material Operations: 500 tons/hour and 1,132,560 tons/year

Revised _____