

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23539

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant		<u>Emission Rates *</u>
			lb/hr	TPY	
S-1	Wet Scrubber Stack		PM10		17.29
			VOC(a)		13.83
			VOC(b)		69.65
			NOx		6.12
			SO2		12.60
			CO		10.08
F-1 & F-4	Stockpile Fugitives (4)		PM10		11.18
			SO2		8.94
			CO		13.30
F-1 & F-4	Stockpile Fugitives (4)		TSP		10.64
			PM10		-
			VOC(b)		0.83
F-2	Roads (4)		TSP		-
			PM10		4.18
F-3	Material Handling (4)		TSP		-
			PM10		1.84

- (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  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 VOC(a) - mainly asphalt vapors and VOC emissions due to the use of crumb rubber  
 VOC(b) - primarily diesel or kerosene vapors  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide
- (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 and production rates:

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Hrs/day 8 Days/week 5 Weeks/year 40 or Hrs/year 1,600

Standard Hot Mix: Tons/hour 350 Tons/year 560,000

Standard Hot Mix of Crumb Rubber Option: Tons/hour 350  
Tons/year 592,550

Emulsified Cold Mix: Tons/hour 50 Tons/day 50 Tons/year 7,000

The annual (rolling twelve month period) production rates of standard asphalt concrete and standard asphalt concrete with crumb rubber option must satisfy the following equation at all times:

$$0.043(\text{SM}) + 0.199(\text{CR}) \leq 25,480 \text{ Tons/year}$$

Where:

SM = standard asphalt concrete production in tons/year

CR = standard asphalt concrete with crumb rubber production in tons/year