

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18947

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
<u>Asphalt Concrete Plant</u>				
1	Baghouse Stack	VOC(a)	38.35	22.42
		VOC(b)	262.5	15.75
		NO <sub>x</sub>	11.7	7.02
		CO	12.35	7.41
		SO <sub>2</sub>	26.14	15.68
		PM <sub>10</sub>	9.68	5.81
2	Material Handling (4)	PM	4.38	2.62
		PM <sub>10</sub>	0.83	0.50
3	Aggregate Stockpiles (4)	PM		0.76
		PM <sub>10</sub>		0.37
4	Cold Mix Stockpiles (4)	VOC(b)	2.1	0.05
<u>Aggregate Distribution Operation</u>				
FUG-1	Material Handling (4)	PM	5.9	11.9
		PM <sub>10</sub>	3.0	5.9
FUG-2	Stockpiles (4)	PM		4.4
		PM <sub>10</sub>		2.2

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- (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) VOC - volatile organic compounds as defined in General Rule 101.1  
VOC(a) - mainly asphalt vapors  
VOC(b) - primarily kerosene and diesel vapors  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
PM - total suspended particulate matter, including PM<sub>10</sub>  
PM<sub>10</sub> - 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 schedule and production rates:

A. Asphalt Concrete Plant Operation

9 Hrs/day 5 Days/week 52 Weeks/year or 2,340  
Hrs/year

Standard hot mix asphalt	325 tons/hour	380,000 tons/year	
Cold mix asphalt with emulsion	150 tons/hour		18,000 tons/year

B. Aggregate Distribution Operation

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

Throughput 1,200 tons/ hour	1,200,000 tons/year
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