

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80807

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*
D-1	Dryer Baghouse Stack	PM <sub>10</sub>	14.17	15.81
		VOC (a)	10.40	10.88
		VOC (b)	10.40	0.64
		VOC (c)	393.75	4.38
		NO <sub>x</sub>	17.88	19.94
		CO	42.25	47.13
		SO <sub>2</sub>	18.85	21.03
		HCl	0.07	0.08
1-6	Aggregate and field sand handling (4) 0.02		PM	0.02
		PM <sub>10</sub>	<0.01	<0.01
7	Aggregate Screen (4)	PM	0.54	0.61
		PM <sub>10</sub>	0.26	0.29
8	RAP Feed Bin (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
9	RAP Bin to Conveyor (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
10	Conveyor to Conveyor (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
11	RAP Screen (4)	PM	0.14	0.15
		PM <sub>10</sub>	0.07	0.07
12	RAP Crusher (4)	PM <sub>10</sub>	0.05	0.05
15	Silo Filling (4)	PM <sub>10</sub>	0.19	0.20
		VOC	3.96	4.14
		CO	0.38	0.40
16	Plant Loadout (4)	PM <sub>10</sub>	0.17	0.18

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY*
		VOC	1.27	1.33
		CO	0.44	0.46
H-1	Hot Oil Heater	PM <sub>10</sub>	0.04	0.08
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.35	0.77
		CO	0.09	0.19
		SO <sub>2</sub>	0.75	1.63
STK-CM	Cold Mix Stockpiles (4)	VOC (c)	8.40	2.19
19A	AC Tank (4)	VOC	<0.01	0.02
19B	AC Tank (4)	VOC	<0.01	0.02
19C	AC Tank (4)	VOC	<0.01	0.02
20A	Fuel Oil Storage Tank	VOC	<0.01	0.01
20B	Fuel Oil Storage Tank	VOC	<0.01	0.01
20C	Fuel Oil Storage Tank	VOC	<0.01	0.01
21	Anti-strip Storage Tank	VOC	<0.01	0.01
STK-AP	Asphalt Plant (4)	PM	-.--	1.83
	Material Stockpiles	PM <sub>10</sub>	-.--	0.88

- (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.

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- (3) PM - particulate matter, suspended in the atmosphere, 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.  
VOC - volatile organic compounds  
VOC (a) - mainly asphalt vapors  
VOC (b) - additional VOC due to the use of crumb rubber  
VOC (c) - produced by cold mix  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
HCl - hydrogen chloride  
(4) Fugitive emissions are an estimate only.

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

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

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

Standard Mix:	<u>325</u> tons/hr and <u>680,000</u> tons/yr
Rubber Modified Mix:	<u>325</u> tons/hr and <u>40,000</u> tons/yr
Cold Mix with Emulsion:	<u>225</u> tons/hr and <u>5,000</u> tons/yr

Dated June 14, 2007