

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83236

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
<u>Rock Crushing Plant</u>				
EPN C-1	Crusher No. 1 (4)	PM	0.30	0.87
		PM ₁₀	0.15	0.43
EPN C-2	Crusher No. 2 (4)	PM	0.30	0.87
		PM ₁₀	0.15	0.43
EPN C-3	Crusher No. 3 (4)	PM	0.30	0.87
		PM ₁₀	0.15	0.43
EPN S-1	Screen No. 1 (4)	PM	0.44	1.28
		PM ₁₀	0.21	0.61
EPN S-2	Screen No. 2 (4)	PM	0.44	1.28
		PM ₁₀	0.21	0.61
MATL	Material Loading/Unloading (4)	PM	0.03	0.07
		PM ₁₀	0.01	0.03
FE 1-7	Conveyor Transfer Points (4)	PM	0.25	0.71
		PM ₁₀	0.08	0.23
R-STK	Rock Crushing Plant Stockpiles (4) 3.61	PM		
		PM ₁₀		1.81
<u>Concrete Batch Plant</u>				
EPN 1	Central Baghouse (5)	PM ₁₀	0.56	1.62
EPN 2	Silo No. 1 Baghouse	PM ₁₀	0.05	0.15
EPN 3	Silo No. 2 Baghouse	PM ₁₀	0.05	0.15

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EPN 4-7	Material Transfers (4)	PM	0.58	1.68
		PM ₁₀	0.27	0.79
C-STK	Stockpiles (4)	PM		1.45
		PM ₁₀		0.72

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - 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.
- (5) The weigh hopper and the truck loading emission point are vented to the Central Baghouse.

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

16 Hrs/day 7 Days/week 52 Weeks/year or 5,824 Hrs/year

Rock Crushing Plant

	<u>Tons per hour</u>	<u>Tons per year</u>
Crusher Nos. 1-3 (each)	250	1,456,000
Screen Nos. 1, 2 (each)	250	1,456,000
Total Plant Throughput:	250	1,456,000

Concrete Batch Plant

Maximum Hourly Production: 200 Cubic yards/hour

Maximum Annual Production: 1,164,800 Cubic yards/year

Dated March 19, 2008