

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

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Permit Number 283J

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
7	Primary Crusher (4)	PM	0.02	0.10
		PM ₁₀	0.01	0.05
13	Secondary Crusher No. 1 (4)	PM	0.04	0.19
		PM ₁₀	0.02	0.09
18	Secondary Crusher No. 2 (4)	PM	0.07	0.32
		PM ₁₀	0.04	0.16
24	Tertiary Crusher (4)	PM	0.03	0.13
		PM ₁₀	0.01	0.06
3	Single Deck Screen (4)	PM	0.19	0.81
		PM ₁₀	0.09	0.39
10	Triple Deck Screen (4)	PM	0.12	0.52
		PM ₁₀	0.06	0.25

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			lb/hr	TPY
23	Triple Deck Screen (4)	PM	0.12	0.52
		PM ₁₀	0.06	0.25
29	Wash Screen (4)	PM	0.08	0.34
		PM ₁₀	0.04	0.16
1, 21	Truck Loading/Unloading (4)	PM	0.05	0.22
		PM ₁₀	0.02	0.11
34	Sand Screw (4)	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
F1	Aggregate Handling (4, 5)	PM	0.75	3.33
		PM ₁₀	0.33	1.46
F2	Stockpiles (4)	PM	-	7.23
		PM ₁₀	-	3.44

- (1) Emission point identification - either specific equipment designation or emission point number from a 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) Includes EPNs 2, 4-6, 8-9, 11, 12, 14-17, 19, 20, 22, 25-28, 30-33, and 35-40.

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

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

Primary Crusher: 700 Tons/hour 6,132,000 Tons/year
Secondary Crusher No. 1: 245 Tons/hour

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			<u>lb/hr</u>	<u>TPY</u>
<u>2,146,200</u> Tons/year	Secondary Crusher No. 2:	<u>400</u> Tons/hour	-	
<u>3,504,000</u> Tons/year				
Tertiary Crusher:	<u>160</u> Tons/hour	<u>1,401,600</u> Tons/year		
Total Facility:		<u>6,570,000</u> Tons/year		

Dated October 28, 2005