

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20618

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
PF-2	Primary Screening (4)	PM	0.55	2.41
		PM ₁₀	0.19	0.81
PF-2A	Secondary Screening (4)	PM	0.55	2.41
		PM ₁₀	0.19	0.81
PF-2B	Auxiliary Screening (4)	PM	0.22	0.96
		PM ₁₀	0.07	0.32
TF-7	Auxiliary Screening (4)	PM	0.14	0.63
		PM ₁₀	0.05	0.21
PF-3	Primary Crusher (4)	PM	0.30	1.31
		PM ₁₀	0.15	0.65
PF-3A	Secondary Crusher (4)	PM	0.45	1.97
		PM ₁₀	0.22	0.97
PF-3B	Tertiary Crusher (4)	PM	0.18	0.79
		PM ₁₀	0.08	0.40
CR-1	Primary Crusher Baghouse Vent	PM ₁₀	1.54	6.74
CR-2	Secondary Crusher Baghouse Vent	PM ₁₀	2.23	9.73
CR-3	Secondary Crusher Baghouse Vent	PM ₁₀	0.43	1.88
PF-1	Truck Drop to Crusher Hopper (4,5)	PM	0.03	0.06
		PM ₁₀	0.01	0.03
MHFUG	Material Handling (4, 6)	PM	2.79	11.03
		PM ₁₀	0.97	3.59

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
SPFUG	Stockpiles (4, 7)	PM	---	12.50
			PM ₁₀	--- 6.25

(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) 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 PM greater than 10 microns is emitted.

(4) Fugitive emissions are an estimate only.

(5) Material loading emissions are authorized under other permits. Permit Number 5183 for this facility includes EPNs RF-11, 12, 24, and 24A for truck/rail loadout points. Permit Number 50456 for this facility includes EPNs LF-7 and LF-8 for additional truck/rail loadout points.

(6) Includes emission points TF-1 through TF-6, TF-6A, TF-6C, TF-7, TF-8, TF-11 through TF-13, TF-15 through TF-23, TF-25 through TF-31, TF-33 through TF-40, and UF-1.

(7) Includes original 10.2 acres from original permit and additional 10.36 acres through this amendment. Stockpiles are designated as EPNs SP-1, SF-3, SF-4, SF-6, SF-8, SF-10 and SF-12 through 16.

* 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 (EPN PF-3):	<u>2,500</u> Tons/hour	<u>21,900,000</u> Tons/year
Secondary Crusher (EPN PF-3A):	<u>2,500</u> Tons/hour	<u>21,900,000</u> Tons/year
Secondary Crusher (EPN CR-3):	<u>1,300</u> Tons/hour	<u>11,388,000</u> Tons/year
Tertiary Crusher (EPN PF-3B):	<u>1,000</u> Tons/hour	<u>8,760,000</u> Tons/year

Total Facility: 21,900,000 Tons/year

Dated May 21, 2007