

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2764A

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, sources, and related activities. 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 (7) *	
			lbs/hour	TPY
3	Primary Jaw Crusher (4)	PM	0.11	0.07
		PM <sub>10</sub>	0.05	0.03
4	Primary Jaw Crusher (4)	PM	0.11	0.07
		PM <sub>10</sub>	0.05	0.03
7	Secondary VSI Crusher (4)	PM	1.20	0.75
		PM <sub>10</sub>	0.59	0.37
15	Tertiary VSI Crusher (4)	PM	0.60	0.37
		PM <sub>10</sub>	0.30	0.18
5	Primary Screen No. 1 (4)	PM	1.06	0.66
		PM <sub>10</sub>	0.50	0.32
6	Primary Screen No. 2 (4)	PM	1.06	0.66
		PM <sub>10</sub>	0.50	0.32
16	Wash Screen No. 1 (4)	PM	0.88	0.55
		PM <sub>10</sub>	0.42	0.26
17	Wash Screen No. 2 (4)	PM	0.88	0.55
		PM <sub>10</sub>	0.42	0.26
19	Wash Screen No. 3 (4)	PM	0.88	0.55
		PM <sub>10</sub>	0.42	0.26
37	Overland Conveyor (4)	PM	0.44	0.30
		PM <sub>10</sub>	0.19	0.13
MHFUG	Aggregate Handling (4) (5)	PM	0.71	0.45
		PM <sub>10</sub>	0.32	0.20
	Loading/Unloading Operations (4) (6)	PM	0.10	0.06
		PM <sub>10</sub>	0.05	0.03
SPFUG	Stockpiles (4)	PM	--	7.23
		PM <sub>10</sub>	--	3.61

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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) PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- (4) Fugitive emissions are an estimate only.
- (5) Includes drops from 1A, 2A, 9-11, 13, 14, 18, 23, and 26 through 33.
- (6) Includes EPNs 1 and 2 and loading of crushed stone.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* 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 3)	<u>500</u> Tons/hour	<u>625,000</u> Tons/year
Primary Crusher (EPN 4)	<u>500</u> Tons/hour	<u>625,000</u> Tons/year
Secondary Crusher (EPN 7)	<u>1,000</u> Tons/hour	<u>1,250,000</u> Tons/year
Tertiary Crusher (EPN 15)	<u>500</u> Tons/hour	<u>625,000</u> Tons/year

Total Facility: 1,500,000 Tons/year

Date: February 21, 2013