

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40765A

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 **
F1	Aggregate Handling (4)(5)	PM	0.12	0.31
		PM <sub>10</sub>	0.05	0.11
F2	Crushing Operations (4)	PM	0.48	0.90
		PM <sub>10</sub>	0.24	0.44
F3	Screening Operations (4)	PM	0.88	1.65
		PM <sub>10</sub>	0.30	0.55
F4	Stockpiles (4)(6)	PM	-	4.34
		PM <sub>10</sub>	-	2.17
F5	Cummins N14-C475 Diesel Generator	PM <sub>10</sub>	0.07	0.13
		NO <sub>x</sub>	4.64	8.68
		CO	0.81	1.51
		SO <sub>2</sub>	0.63	1.17
		VOC	0.13	0.25

- (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 PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 NO<sub>x</sub> - nitrogen oxides  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(5) Consists of truck loading/unloading emissions, material transfer into the screen and transfer from the screen to the material stockpiles.

(6) Based on 6 acres of stockpiles.

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

12 hrs/day 6 days/week 52 weeks/year or 3,744 Hrs/year

Primary Crusher: 400 Tons/hour 1,497,600 Tons/year

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

Dated October 5, 2009