

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5039

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
003	Dryer Scrubber Stack			TSP	0.01	0.04
				PM <sub>10</sub>	<0.01	<0.01
				SO <sub>2</sub>	<0.01	0.04
				NO <sub>x</sub>	2.15	8.06
				CO	0.54	2.01
				VOC	0.04	0.16
002	Screen Tower Scrubber Stack			TSP	0.01	0.04
				PM <sub>10</sub>	<0.01	<0.01
951	Silos Scrubber Stack			TSP	0.08	0.28
				PM <sub>10</sub>	0.01	0.02
F1	Stockpile (4)			TSP		0.40
				PM <sub>10</sub>		0.19
F3	Silos (4)			TSP	0.42	1.57
				PM <sub>10</sub>	0.19	0.71

(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) TSP - Total suspended particulates, including PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 6 Weeks/year 52 or Hrs/year 7,488

And based on a maximum hourly throughput of 105 tons of sand and a maximum annual throughput of 753,000 tons of sand.

Dated\_\_\_\_\_