

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80774L001

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

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY**</u>				
3	Crusher (4)	PM	0.03	0.01
		PM <sub>10</sub>	0.02	<0.01
1	Hopper (4)	PM	0.03	0.01
		PM <sub>10</sub>	0.02	<0.01
2, MTL	Material Handling (4)	PM	0.05	0.02
		PM <sub>10</sub>	0.02	0.01
4	Engine	PM <sub>10</sub>	0.06	0.13
		NO <sub>x</sub>	3.95	8.65
		CO	0.63	1.38
		SO <sub>2</sub>	0.62	1.35
		VOC	0.15	0.33
STK	Stockpile (4)	PM	---	0.91
		PM <sub>10</sub>	---	0.46

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- (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 an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - 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.  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
SO<sub>2</sub> - sulphur dioxide  
VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only.

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

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

Maximum Allowable Throughput: 150 Tons per Hour, 75,000 Tons per Year.

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

Dated May 9, 2007