

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 86874

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.

Emission Point No. (1)	Source Name (2)	AIR CONTAMINANTS DATA Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1	Crusher 1 (4)	PM	0.50	1.34
		PM <sub>10</sub>	0.24	0.64
2	Screen 1 (4)	PM	1.32	3.50
		PM <sub>10</sub>	0.44	1.18
3	Screen 2 (4)	PM	0.44	1.17
		PM <sub>10</sub>	0.15	0.39
4	Screen 3 (4)	PM	1.26	3.34
		PM <sub>10</sub>	0.77	2.04
5	Screen 4 (4)	PM	0.55	1.46
		PM <sub>10</sub>	0.19	0.49
6	Truck Loading/Unloading (4)	PM	0.06	0.16
		PM <sub>10</sub>	0.03	0.08
7-30	Drop Points (4)	PM	5.70	13.52
		PM <sub>10</sub>	2.09	5.54
ENG	Cat 3512 (746 hp) Diesel Engine (5)	NO <sub>x</sub>	17.90	4.47
		CO	3.94	0.99
		SO <sub>2</sub>	1.81	0.45
		PM <sub>10</sub>	0.37	0.09
		VOC	0.54	0.14
STK	Stockpiles (4)(6)	PM	-.--	6.02
		PM <sub>10</sub>	-.--	3.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (2) Specific point source names. For fugitive sources use 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 particulate matter greater than 10 microns is emitted.
  - NO<sub>x</sub> - nitrogen oxides
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only.
- (5) Generator emissions based on 500 hours of operation per year.
- (6) Based on five acres of active stockpiles.

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

17 Hrs/day 6 Days/week 52 Weeks/year or 5,304 Hrs/year

Crusher 1	<u>200</u> Tons per hour	<u>1,060,800</u> Tons per year.
Facility	<u>600</u> Tons per hour	<u>3,182,400</u> Tons per year

Dated June 2, 2009