

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85604L001

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 Contaminant Name (3)	AIR CONTAMINANTS DATA	
			Emission Rates *	
			lb/hr	TPY
1-2, 4-10, 13-19, 22-28, 31-37, LDG	Material Handling (4)	PM	0.64	1.37
		PM <sub>10</sub>	0.23	0.49
3	Screen 1 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
11	Crusher 1 (4)	PM	0.42	0.90
		PM <sub>10</sub>	0.19	0.41
12	Screen 2 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
20	Crusher 2 (4)	PM	0.42	0.90
		PM <sub>10</sub>	0.19	0.41
21	Screen 3 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
29	Crusher 3 (4)	PM	0.24	0.51
		PM <sub>10</sub>	0.11	0.23
30	Screen 4 (4)	PM	0.44	0.94
		PM <sub>10</sub>	0.15	0.32
38	Cat 3406 (469 hp) Diesel Engine (5)	NO <sub>x</sub>	6.90	15.06
		CO	4.65	10.16
		SO <sub>2</sub>	0.96	2.10
		PM <sub>10</sub>	1.30	2.85
		VOC	0.05	0.11
39	Cat 3406 (469 hp) Diesel Engine (5)	NO <sub>x</sub>	6.90	15.06
		CO	4.65	10.16
		SO <sub>2</sub>	0.96	2.10

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Emission Point No. (1)	Source Name (2)	AIR CONTAMINANTS DATA		
		Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		PM <sub>10</sub>	1.30	2.85
		VOC	0.05	0.11
40	Cat 3406 (469 hp) Diesel Engine (5)	NO <sub>x</sub>	6.90	15.06
		CO	4.65	10.16
		SO <sub>2</sub>	0.96	2.10
		PM <sub>10</sub>	1.30	2.85
		VOC	0.05	0.11
41	Tank (4)	VOC	<0.01	<0.01
STK	Stockpiles (4)(6)	PM	-.--	2.48
		PM <sub>10</sub>	-.--	1.24

- (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 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 4,380 hours of operation.
- (6) Based on one acre of active stockpiles and four acres of inactive stockpiles.

\* 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

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Crusher 1, 2	350 Tons/hour	1,500,000 Tons/year
Crusher 3	200 Tons/hour	857,143 Tons/year

Dated December 22, 2008