

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 86966L001

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, 3, 5, 7-12, 14-16, 18-21, & MTL	Material Handling (4)	PM	0.77	0.77
		PM ₁₀	0.28	0.28
2	Screen 1 (4)	PM	1.10	1.10
		PM ₁₀	0.37	0.37
4	Crusher 1 (4)	PM	0.54	0.54
		PM ₁₀	0.24	0.24
6	Screen 2 (4)	PM	0.99	0.99
		PM ₁₀	0.33	0.33
13	Crusher 2 (4)	PM	0.24	0.24
		PM ₁₀	0.11	0.11
17	Screen 3 (4)	PM	0.44	0.44
		PM ₁₀	0.15	0.15
ENG 1	Cat 3406C (400 hp) Diesel Engine (5)	NO _x	9.86	14.79
		CO	0.79	1.19
		SO ₂	0.82	1.23
		PM ₁₀	0.17	0.26
		VOC	0.15	0.23
ENG 2	Cat 3456 (483 hp) Diesel Engine (5)	NO _x	5.83	8.75
		CO	0.25	0.38
		SO ₂	0.99	1.49
		PM ₁₀	0.06	0.09
		VOC	0.07	0.11
STK	Stockpiles (4)(6)	PM	--	2.48
		PM ₁₀	--	1.24

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Emission Point No. (1)	Source Name (2)	AIR CONTAMINANTS DATA	
		Air Contaminant Name (3)	Emission Rates * lb/hr TPY

- (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 PM₁₀.
 PM₁₀ - 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_x - nitrogen oxides
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only.
- (5) Generator emissions based on 3,000 hours of operation per year.
- (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

Crusher 1	450 Tons per hour	900,000 Tons per year.
Crusher 2	200 Tons per hour	400,000 Tons per year
Facility	500 Tons per hour	1,000,000 Tons per year

Dated May 4, 2009