

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 88524L001

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates (7) *</u>	
			lb/hr	TPY
MTL HNDL	Material Handling (4)	PM	0.30	0.95
		PM <sub>10</sub>	0.14	0.44
1	Crusher (4)	PM	0.05	0.07
		PM <sub>10</sub>	0.03	0.04
2	Screen (4)	PM	0.75	1.05
		PM <sub>10</sub>	0.30	0.42
ENG	CAT (450-hp) Diesel Engine (5)	NO <sub>x</sub>	6.84	9.60
		CO	8.43	11.83
		SO <sub>2</sub>	0.92	1.29
		PM <sub>10</sub>	0.40	0.56
		VOC	0.99	1.39
STK	Stockpiles (4)(6)	PM	-.--	3.23
		PM <sub>10</sub>	-.--	1.62

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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 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> - sulfur dioxide  
VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only.
- (5) Generator emissions based on 2,808 hours of operation.
- (6) Based on five acres of active stockpiles.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

9 Hrs/day 6 Days/week 52 Weeks/year or 2,808 Hrs/year

Crusher 1: 250 Tons per hour 702,000 Tons per year.

Dated April 18, 2019