

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 35731A

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F1	Aggregate Handling (4)	PM	0.78	1.58
		PM ₁₀	0.37	0.76
F2	Primary 1 Impact Crusher (4)		PM	0.25
	0.25	PM ₁₀	0.12	0.12
F3	Primary 1 Screen (4)	PM	0.36	0.37
		PM ₁₀	0.17	0.17
F4	Stockpiles (4)	PM	-	0.72
		PM ₁₀	-	0.36
F5	Primary 2 Impact Crusher (4)		PM	0.25
	0.25	PM ₁₀	0.12	0.12
F6	Primary 2 Screen (4)	PM	0.36	0.37
		PM ₁₀	0.17	0.17
G5	Diesel Generator 1	PM ₁₀	0.83	1.50
		VOC	0.93	1.69
		NO _x	11.63	21.16
		SO ₂	0.77	1.40
		CO	2.51	4.56
E6	Diesel Crusher Engine 1	PM ₁₀	0.85	1.54
		VOC	0.96	1.74

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
		NO _x	11.94	21.72
		SO ₂	0.79	1.44
		CO	2.58	4.70
G6	Diesel Generator 2	PM ₁₀	0.83	1.50
		VOC	0.93	1.69
		NO _x	11.63	21.16
		SO ₂	0.77	1.40
		CO	2.51	4.56
E7	Diesel Crusher Engine 2	PM ₁₀	0.85	1.54
		VOC	0.96	1.74
		NO _x	11.94	21.72
		SO ₂	0.79	1.44
		CO	2.58	4.70
T7	Diesel Storage Tank	VOC	<0.01	<0.01

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

(2) Specific point source name. 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 PM₁₀ is equal to PM.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

10 Hrs/day 7 Days/week 52 Weeks/year or 3,640
Hrs/year

Primary 1 Crusher:	<u>200</u> Tons/hour	—
<u>408,000</u> Tons/year		
Primary 2 Crusher:	<u>200</u> Tons/hour	—
<u>408,000</u> Tons/year		

Total plant crushed rock production rate is 816,000 tons/year.

Dated_____