

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32024

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY				
F1	Haul Road (Mining) (4)	TSP	- .--	0.14
		PM ₁₀	- .--	0.07
F1A	Haul Road (Product) (4)	TSP	- .--	0.02
		PM ₁₀	- .--	0.01
F2	Crushing and Material Handling (4)	TSP	0.496	2.17
		PM ₁₀	0.131	0.56
F3	Material Transfer (4)	TSP	0.193	0.85
		PM ₁₀	0.089	0.39
F4	Waste Stockpile (4)	TSP	- .--	14.71
		PM ₁₀	- .--	7.03
S1	Wet Scrubber Stack	TSP	0.296	1.30
		PM ₁₀	0.021	0.09
		SO _x	1.80	7.89
		NO _x	5.05	22.13
		VOC	0.133	0.58
		CO	0.89	3.91
S2	Baghouse No. 1 Stack (Screening, Storage, Conveying)	TSP	0.06	0.27
	0.01	PM ₁₀		<0.01
S2F	Fugitives (4)	TSP	1.14	4.99
		PM ₁₀	0.06	0.26
S3	Baghouse No. 2 Stack (Screening, Storage, Conveying)	TSP	0.06	0.28
		PM ₁₀		<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	0.01			
S3F	Fugitives (4)	TSP PM ₁₀	0.38 0.02	1.66 0.09
S4	Baghouse No. 3 Stack (Bagging) 0.06	TSP PM ₁₀	0.01 <0.01	0.01 <0.01
S4F	Fugitives (4)	TSP PM ₁₀	0.34 0.02	1.50 0.08
S5	Baghouse No. 4 Stack (Bulk Loadout)	TSP PM ₁₀	0.02 <0.01	0.09 <0.01
S5F	Fugitives (4)	TSP PM ₁₀	2.28 0.12	9.99 0.53
S6	Baghouse No. 5 Stack (Waste Loadout)	TSP PM ₁₀	0.02 <0.01	0.09 <0.01
S6F	Fugitives (4)	TSP PM ₁₀	2.28 0.12	9.99 0.53

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

(2) Specific point source name. For fugitive sources, area name or fugitive source name used.

(3) TSP - total suspended particulate matter

PM₁₀ - particulate matter less than 10 microns in diameter

SO_x - sulfur dioxide

NO_x - nitrogen oxides

VOC - volatile organic compounds

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated _____