

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20094

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)	Emission Rates	
			lb/hr	TPY
C2	Drop to Conveyor 2 (4)	TSP	0.0054	0.0068
		PM ₁₀	0.0026	0.0033
DD1	Dock Drop 1 (4)	TSP	0.0204	0.0114
		PM ₁₀	0.0098	0.0055
DD2	Dock Drop 2 (4)	TSP	0.0204	0.0114
		PM ₁₀	0.0098	0.0055
DZ4	Drop to Reversible Con. (4) 0.0255	TSP		0.0613
		PM ₁₀	0.0295	0.0123
FL2	Front-End Loader Drop (4)	TSP	0.0613	0.0255
		PM ₁₀	0.0295	0.0123
FS	Drop to Fines Stockpile (4) 0.0306	TSP		0.0327
		PM ₁₀	0.0157	0.0147
RC	Drop to Railcar (4)	TSP	0.0736	0.0409
		PM ₁₀	0.0353	0.0196
ROP	Hopper to OP or Rev (4)	TSP	0.0368	0.0511
		PM ₁₀	0.0177	0.0245
RMS	Drop to Mobile Stacker (4)	TSP	0.0327	0.0306
		PM ₁₀	0.0157	0.0147

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
RS	Drop to Radial Stacker (4)	TSP	0.0409	0.0227
		PM ₁₀	0.0196	0.0109

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
RSH	Radial Stacker to Hopper (4) 0.0306	TSP		0.0327
		PM ₁₀	0.0157	0.0147
RF	Fines Con. To Hopper (4)	TSP	0.0736	0.0306
		PM ₁₀	0.0353	0.0147
SB	Screen Baghouse	TSP	0.4286	1.0714
		PM ₁₀	0.4286	1.0714
SP1	Fines Stockpile (4)	TSP	3.0119	4.0895
		PM ₁₀	1.4457	1.9630
SP2	Lumps Stockpile (4)	TSP	0.5964	0.8098
		PM ₁₀	0.2863	0.3887
SP3	Stockpile 3 (4)	TSP	3.9220	5.3253
		PM ₁₀	1.8825	2.5561
MS	Mobile Stacker (4)	TSP	0.0327	0.0511
		PM ₁₀	0.0262	0.0245
UL	Unloading Baghouse	TSP	0.8571	2.1429
		PM ₁₀	0.8571	2.1429
V1	Truck Traffic (4)	TSP	1.1572	0.1447
		PM ₁₀	0.5658	0.0707
V2	Bulldozer Traffic (4)	TSP	10.2464	5.6924
		PM ₁₀	4.6109	3.8424
V3	Front-End Loaders (4)	TSP	8.7647	4.8693
		PM ₁₀	3.9441	3.2867
YC	Drop to Y-Conveyor	TSP	0.0245	0.0136

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		PM ₁₀	0.0118	0.0065
PC1	Drop to Portable Conveyor (4) 0.0306	TSP		0.0327
		PM ₁₀	0.0157.	0.0147
PC2	Drop to Mobile Stacker (4)	TSP	0.0327	0.0306
		PM ₁₀	0.0157	0.0147

- (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) TSP - total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 (4) Fugitive emissions are an estimate only.

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

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

Dated _____