

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24999

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 *</u>	
			lb/hr	TPY
P2	Barn No. 2 Receiving Pit (a)	TSP	2.02	
		PM ₁₀	1.01	
P3	Barn No. 3 Receiving Pit (b)	TSP	2.52	
		PM ₁₀	1.26	
P4	Barn No. 4 Receiving Pit (c)	TSP	2.52	
		PM ₁₀	1.26	
	Total Receiving Pit (d)	TSP		0.57
		PM ₁₀		0.29
D2	Barn No. 2 Dryer (e)	PM ₁₀	8.48	1.28
		VOC	0.05	0.01
		NO _x	2.10	0.32
		CO	0.53	0.08
		SO ₂	0.01	<0.01
D3	Barn No. 3 Dryer (f)	PM ₁₀	8.48	2.12
		VOC	0.05	0.02
		NO _x	2.10	0.53
		CO	0.52	0.14
		SO ₂	0.01	<0.01
D3	Barn No. 4 Dryer (g)	PM ₁₀	8.48	3.40
		VOC	0.16	0.02
		NO _x	7.73	1.03
		CO	1.93	0.26
		SO ₂	0.04	<0.01
	Barn No. 2	TSP	8.64	

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Loadouts (h)	PM ₁₀	4.32
Barn No. 3	TSP	8.82
Loadouts (i)	PM ₁₀	4.41

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Barn No. 4		TSP	8.64
	Loadouts (j)		PM ₁₀	4.32
	Total Loadouts (k)		TSP	2.83
			PM ₁₀	1.41

- (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, including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide

* Emission rates are based on and the facilities are limited to the following hourly and annual throughputs:

- | | | |
|-----|------------------------|---------------------------|
| (a) | 112 tons of grain/hour | |
| (b) | 140 tons of grain/hour | |
| (c) | 140 tons of grain/hour | |
| (d) | | 63,000 tons of grain/year |
| (e) | 28 tons of grain/hour | 8,400 tons of grain/year |
| (f) | 28 tons of grain/hour | 14,000 tons of grain/year |
| (g) | 28 tons of grain/hour | 22,400 tons of grain/year |
| (h) | 96 tons of grain/hour | |
| (i) | 98 tons of grain/hour | |
| (j) | 96 tons of grain/hour | |
| (k) | | 63,000 tons of grain/year |

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Dated_____