

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21929

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		Air Contaminant		<u>Emission Rates</u>	
	Name (2)	Name (3)	lb/hr	TPY		
	Receiving Pit (a)			TSP	9.00	9.21
				PM10	4.50	4.60
	Hay Receiving (b)			TSP	5.94	1.08
				PM10	2.97	0.54
	Corn/Milo Commodity Barn Loading (c)			TSP	1.66	4.26
				PM10	0.83	2.13
	Feed Truck Handling Operations (d)			TSP	5.40	9.60
				PM10	2.70	4.80
	Supplement Loadout (e)			TSP	0.20	0.35
				PM10	0.10	0.17
	Boiler (f)			PM10	0.05	0.18
				SO2	0.01	0.04
				NOX	1.01	3.69
				CO	0.20	0.73
				VOC	0.05	0.18
	Vehicular Traffic (g)			TSP		13.45
				PM10		6.05

- (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.

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- (3) TSP - total suspended particulate including PM10
PM10 - particulate matter less than 10 microns in diameter
SO2 - sulfur dioxide
NOx - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 102,310 tons of feed and feed ingredients.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 33 tons and an annual throughput of 12,045 tons of chopped hay.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 18.40 tons and an annual throughput of 94,572 tons of feed and feed ingredients.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 30 tons and an annual throughput of 106,617 tons of feed and feed ingredients.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 2.20 tons and an annual throughput of 7738 tons of feed and feed ingredients.
- (f) Emission rates are based on and the facilities are limited by the following maximum operating schedule:
- Hrs/day____Days/week____Weeks/year____or Hrs/year 7,300
- (g) Emission limits for vehicular traffic are based on 29,474 vehicular miles traveled per year.