

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21854

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)	Name (3)	Air Contaminant		<u>Emission Rates</u>	
			lb/hr	TPY		
	Receiving Pit (a)			TSP	13.50	10.36
				PM10	6.75	5.18
	Hay/Commodity Receiving Area No. 1 (b)			TSP	3.60	
				PM10	1.80	
	Hay/Commodity Receiving Area No. 2 (b)			TSP	3.60	
				PM10	1.80	
	Hay/Commodity Receiving Operations (c)			TSP		1.97
				PM10		0.99
	Airlift Cyclone No. 1 (d)			PM10	3.75	2.70
	Airlift Cyclone No. 2 (d)			PM10	3.75	2.70
	Feed Truck Handling Operations (e)			TSP	1.08	1.97
				PM10	0.54	0.99
	Corn/Supplement Loadout Area (f)			TSP	2.97	5.18
				PM10	1.49	2.59
	Boiler (g)			PM10	0.03	0.11
				SO2	<0.01	0.01
				NOx	0.67	2.45
				CO	0.13	0.47

	VOC	0.04	0.15
Vehicular Traffic (h)	TSP		14.43
	PM10		6.49

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- (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  
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 75 tons and an annual throughput of 115,066 tons of feed and feed ingredients.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons of feed and feed ingredients.
- (c) Emission rates are based on and the facilities are limited to an annual throughput of 21,900 tons of feed and feed ingredients.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 37.50 tons and an annual throughput of 54,020 tons of corn.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 6.00 tons and an annual throughput of 21,900 tons of feed and feed ingredients.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 33 tons and an annual throughput of 115,066 tons of feed and feed ingredients.
- (g) 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
- (h) Emission limits for vehicular traffic are based on 17,274 vehicular miles traveled per year.