

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22503

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		Emission Rates	
	Name (2)	Name (3)	lb/hr	TPY		
		Receiving Pit (a)		TSP	13.50	8.90
				PM10	6.75	4.45
		Commodity Barn (b)		TSP	4.50	1.15
		Receiving		PM10	2.25	0.58
		Mixing/Handling (c)		TSP	6.59	14.40
				PM10	3.30	7.21
		Grain Flaker (d)		PM10	1.03	2.25
		Vehicular Traffic (e)		TSP		56.83
				PM10		25.54
		Boilers (f)		PM10	0.03	0.09
				VOC	0.06	0.16
				NOx	1.18	3.00
				CO	0.24	0.60
				SO2	<0.01	0.02

- (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  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 98,921 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 12,826 tons of grain.

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- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 36.6 tons and an annual throughput of 160,327 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 20.75 tons and an annual throughput of 90,905 tons of grain.
- (e) Emission rates are based on and the facilities are limited to 114,660 total vehicle miles traveled per year.
- (f) Emission rates are based on and are limited by the following maximum operating schedule:  
14 hrs/day 7 days/wk 52 wks/yr or 5110 hrs/yr