

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22497

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	11.25	19.80
				PM10	5.63	9.90
	Commodity Barn (b)			TSP	3.60	2.95
	Receiving			PM10	1.80	1.48
	Mixing/Handling (c)			TSP	13.82	32.78
				PM10	6.91	16.39
	Grain Flaker (d)			PM10	0.56	1.32
	Vehicular Traffic (e)			TSP		23.11
				PM10		10.40
	Boilers (f)			PM10	0.03	0.09
				VOC	0.11	0.29
				NOx	2.02	5.52
				CO	0.40	1.10
				SO2	0.01	0.03

- (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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 62.5 tons and an annual throughput of 220,016 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 32,784 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 76.8 tons and an annual throughput of 364,265 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 43.22 tons and an annual throughput of 205,081 tons of grain.
- (e) Emission rates are based on and the facilities are limited to 108,163 total vehicle miles traveled per year.
- (f) Emission rates are based on and are limited by the following maximum operating schedule:
15 hrs/day 7 days/wk 52 wks/yr or 5,475 hrs/yr