

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3958

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	
1	Receiving Pit	No. 1 Cyclone (a)		PM10	10.08
2	Receiving Pit	No. 1 Fugitives (a)		TSP	3.02
				PM10	1.51
3	Receiving Pit	No. 2 Cyclone (a)		PM10	10.08
4	Receiving Pit	No. 2 Fugitives (a)		TSP	3.02
				PM10	1.51
5	Receiving Pit	No. 4 Baghouse (a)		PM10	0.77
6	Receiving Pit	No. 4 Fugitives (a)		TSP	3.02
				PM10	1.51
7	Receiving Pit	No. 5 Baghouse (a)		PM10	0.77
8	Receiving Pit	No. 5 Fugitives (a)		TSP	3.02
				PM10	1.51
1 Through 8	Total Receiving	Operations (b)		TSP	1.76
				PM10	1.55
9	Loadout Spout	No. 1 Fugitives (c)		TSP	7.56
				PM10	3.76
10	Loadout Spout	No. 2 Fugitives (c)		TSP	7.56
				PM10	3.76

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

11	Loadout Spout No. 3 Baghouse (c)	PM10	0.77
12	Loadout Spout No. 3 Fugitives (c)	TSP PM10	0.76 0.38

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates
13	Loadout Spout No. 4 Baghouse (c)			PM10	0.77
14	Loadout Spout No. 4 Fugitives (c)			TSP	0.76
				PM10	0.38
9 Through 14	Total Loadout Operations (b)			TSP	2.02
				PM10	1.01
15	Grain Dryer No. 1 Stack (d)			PM10	21.003
				SO2	<0.001
				NOx	0.052
				CO	0.010
				VOC	0.003
16	Grain Dryer No. 2 Stack (d)			PM10	21.003
				SO2	<0.001
				NOx	0.052
				CO	0.010
				VOC	0.003
15 Through 16	Total Grain Dryer Emissions (e)			PM10	0.106
				SO2	<0.001
				NOx	<0.001
				CO	<0.001
				VOC	<0.001

- (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 suspend particulate matter (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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 168 tons of grain.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (b) Emission rates are based on and the facilities are limited to an annual throughput of 45,000 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 84 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an annual throughput of 700 tons of grain.

Dated \_\_\_\_\_