

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5071

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)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
1*	Receiving Pit No. 1 (a)	TSP PM <sub>10</sub>	30.24 15.12	
2*	Receiving Pit No. 2 (a)	TSP PM <sub>10</sub>	30.24 15.12	
3*	Receiving Pit No. 3 (a)	TSP PM <sub>10</sub>	30.24 15.12	
4*	Receiving Pit No. 4 (b)	TSP PM <sub>10</sub>	10.08 5.04	
5*	Receiving Pit No. 5 (c)	TSP PM <sub>10</sub>	25.2 12.6	
6*	Total Annual Receiving Operations (d)	TSP PM <sub>10</sub>		37.40 18.90
7*	Truck Loadout No. 1 (e)	TSP PM <sub>10</sub>	7.56 3.78	78.0
8*	Truck Loadout No. 2 (e)	TSP PM <sub>10</sub>	7.56 3.78	78.0
9*	Truck Loadout No. 3 (e)	TSP PM <sub>10</sub>	7.56 3.78	
10*	Truck Loadout No. 4 (e)	TSP PM <sub>10</sub>	7.56 3.78	
11*	Rail Loadout No. 1 (a)	TSP PM <sub>10</sub>	15.12 7.56	

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12*	Rail Loadout No. 2 (a)	TSP	15.12	
		PM <sub>10</sub>	7.56	
13*	Total Annual Loadout Operations (d)	TSP		18.90
		PM <sub>10</sub>		9.45

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
14	Dryer No. 1 (f)	PM <sub>10</sub>	25.29	4.22
		SO <sub>2</sub>	0.011	0.002
		NO <sub>x</sub>	1.80	0.30
		CO	0.36	0.06
		VOC	0.01	0.02
15	Dryer No. 2 (f)	PM <sub>10</sub>	25.29	4.22
		SO <sub>2</sub>	0.011	0.002
		NO <sub>x</sub>	1.80	0.30
		CO	0.36	0.06
		VOC	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 including PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 NO<sub>x</sub> - nitrogen oxides  
 CO - carbon monoxide  
 VOC - volatile organic compounds

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 168 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 56 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 140 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an annual throughput of 420,000 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 84 tons of

grain.

- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 84 tons and an annual throughput of 28,000 tons of grain.

\* These facilities are grandfathered

Dated\_\_\_\_\_