

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5998

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)	Emission Rates *	
			lb/hr	TPY
1A	Truck Receiving Pit	PM	5.10	--
		PM <sub>10</sub>	0.75	--
1B	Railcar Receiving Pit	PM	25.50	--
		PM <sub>10</sub>	3.75	--
	Total Receiving Operations	PM	--	9.53
		PM <sub>10</sub>	--	1.40
2	Storage Tank No. 1 Bagfilter	PM/PM <sub>10</sub>	0.41	0.21
3	Storage Tank No. 2 Bagfilter	PM/PM <sub>10</sub>	0.41	0.21
4	Storage Tank No. 3 Bagfilter	PM/PM <sub>10</sub>	0.21	0.13
5	Storage Tank No. 4 Bagfilter	PM/PM <sub>10</sub>	0.21	0.13
6	Hammermill No. 1 Bagfilter	PM/PM <sub>10</sub>	0.72	1.17
7	Hammermill No. 2 Bagfilter	PM/PM <sub>10</sub>	0.72	1.17
8	Hammermill No. 3 Bagfilter	PM/PM <sub>10</sub>	0.72	1.17
9	Hammermill No. 4 Bagfilter	PM/PM <sub>10</sub>	0.72	1.17
10	Ground Grain Conveyor Bagfilter	PM/PM <sub>10</sub>	0.41	1.41
11	Soft Stock Conveyor Bagfilter	PM/PM <sub>10</sub>	0.41	0.27
13	Pellet Cooler No. 1 Cyclone	PM	9.00	28.64

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		PM <sub>10</sub>	4.50	14.32
13A	Pellet Cooler No. 2 Cyclone	PM	9.00	28.64
		PM <sub>10</sub>	4.50	14.32
13B	Pellet Cooler No. 3 Cyclone	PM	3.00	9.55
		PM <sub>10</sub>	1.50	4.77
13C	Pellet Cooler No. 4 Cyclone	PM	3.00	9.55
		PM <sub>10</sub>	1.50	4.77
13D	Pellet Cooler No. 5 Cyclone	PM	0.75	0.23
		PM <sub>10</sub>	0.38	0.12
14	Finished Product Storage Bagfilter	PM/PM <sub>10</sub>	0.41	1.80
15	Truck Loadout No. 1	PM	0.50	--
		PM <sub>10</sub>	0.12	--
15A	Truck Loadout No. 2	PM	0.40	--
		PM <sub>10</sub>	0.10	--
15B	Truck Loadout No. 3	PM	0.99	--
		PM <sub>10</sub>	0.24	--
	Total Loadout Operations	PM	--	1.95
		PM <sub>10</sub>	--	0.47
16	1,200-HP Boiler	PM/PM <sub>10</sub>	0.38	1.33
		SO <sub>2</sub>	0.03	0.11
		NO <sub>x</sub>	4.94	17.49
		CO	4.15	14.69
		VOC	0.27	0.96

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- SO<sub>2</sub> - sulfur dioxide
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

\* Refer to Special Conditions for throughput limitations and basis of emission rates.

Dated March 16, 2010