

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21929

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

### Existing Feedmill

Receiving	PM	13.50	12.77
	PM <sub>10</sub>	6.75	6.38
Roughage Receiving	PM	7.92	1.48
	PM <sub>10</sub>	3.96	0.74
Supplement Receiving	PM	9.00	0.52
	PM <sub>10</sub>	4.50	0.26
Feed Truck Mixing/Handling 27.95 Operations	PM		15.09
	PM <sub>10</sub>	7.55	13.98
Boiler	PM <sub>10</sub>	0.03	0.09
	VOC	0.03	0.10
	NO <sub>x</sub>	0.50	1.84
	CO	0.10	0.37
	SO <sub>2</sub>	< 0.01	0.01

### New Feedmill

1G	Dry Grains Receiving	PM	9.15	7.54
		PM <sub>10</sub>	9.58	3.77
2S	Supplements Receiving	PM	9.58	0.70
		PM <sub>10</sub>	4.79	0.34

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>	
3R	Roughage Receiving	PM	9.00	0.78
		PM <sub>10</sub>	4.50	0.39
4R	Roughage Handling	PM	0.36	0.78
		PM <sub>10</sub>	0.18	0.39
5	Finished Feed Loadout	PM	1.49	2.99
		PM <sub>10</sub>	0.74	1.49
6, 7, and 8	3-300 HP Boilers	PM <sub>10</sub>	0.51	2.24
		VOC	0.02	0.10
		NO <sub>x</sub>	5.24	22.96
		SO <sub>2</sub>	1.31	5.74
		CO	0.22	0.95

(1) Emission point identification - either specific equipment designation or Emission Point No. from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.

Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds

NO<sub>x</sub> - nitrogen oxides

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

\* Refer to Special Condition No. 2 for throughput limitations and basis of emission rates.

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Emission * <u>Point No. (1)</u>	Source <u>Name (2)</u>	Air Contaminant <u>Name (3)</u>	<u>Emission Rates</u> <u>lb/hrTPY</u>
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Dated\_\_\_\_\_