

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19936

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<br>Point No. (1) | Source<br>Name (2)        | Air Contaminant<br>Name (3) | <u>Emission Rates</u> |      |
|---------------------------|---------------------------|-----------------------------|-----------------------|------|
|                           |                           |                             | lb/hr                 | TPY  |
| 1                         | Grain Receiving (a)       | PM                          | 3.42                  | 4.89 |
|                           |                           | PM <sub>10</sub>            | 1.71                  | 2.44 |
| 2                         | Flaked Grain Airlift (b)  | PM <sub>10</sub>            | 1.50                  | 2.86 |
| 3                         | Supplement Receiving (c)  | PM                          | 3.42                  | 0.44 |
|                           |                           | PM <sub>10</sub>            | 1.71                  | 0.22 |
| 4                         | Roughage Receiving (d)    | PM                          | 1.80                  | 0.40 |
|                           |                           | PM <sub>10</sub>            | 0.90                  | 0.20 |
| 5                         | Roughage Transfer Pit (e) | PM                          | 1.80                  | 0.40 |
|                           |                           | PM <sub>10</sub>            | 0.90                  | 0.20 |
| 6                         | Finished Feed Loadout (f) | PM                          | 0.90                  | 1.60 |
|                           |                           | PM <sub>10</sub>            | 0.45                  | 0.80 |
| 7                         | 2-250 Hp Boilers (g)      | PM <sub>10</sub>            | 0.25                  | 0.58 |
|                           |                           | VOC                         | 0.12                  | 0.28 |
|                           |                           | NO <sub>x</sub>             | 2.04                  | 4.84 |
|                           |                           | SO <sub>2</sub>             | 0.01                  | 0.03 |
|                           |                           | CO                          | 0.43                  | 1.02 |

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- (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) 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.

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

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

CO - carbon monoxide

VOC - volatile organic compounds

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 285,863 tons of dry grain, roughage, and supplement.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 285,863 tons of dry grain, roughage, and supplement.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 25,448 tons of dry grain, roughage, and supplement.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 44,110 tons of dry grain, roughage, and supplement.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 44,110 tons of dry grain, roughage, and supplement.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 355,421 tons of dry grain, roughage, and supplement.
- (g) Emission rates are based on and the two boilers are limited to a combined annual operating schedule of 4,745 hours.

Dated\_\_\_\_\_