

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1913

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> |            |
|---------------------------|------------------------|-----------------------------|-------------------------|------------|
|                           |                        |                             | <u>lb/hr</u>            | <u>TPY</u> |
|                           | Receiving Pit No. 1    | PM                          | 7.06                    |            |
|                           |                        | PM <sub>10</sub>            | 3.53                    |            |
|                           | Receiving Pit No. 2    | PM                          | 7.06                    |            |
|                           |                        | PM <sub>10</sub>            | 3.53                    |            |
|                           | Receiving Pit No. 3    | PM                          | 3.63                    |            |
|                           |                        | PM <sub>10</sub>            | 1.82                    |            |
|                           | Commodity Warehouse    | PM                          | 22.50                   |            |
|                           | Receiving/Handling     | PM <sub>10</sub>            | 11.25                   |            |
|                           | Receiving Operations   | PM                          |                         | 1.70       |
|                           |                        | PM <sub>10</sub>            |                         | 0.86       |
|                           | Grain Cleaner Cyclones | PM <sub>10</sub>            | 3.60                    | 1.17       |
|                           | Roaster Nos. 1 and 2   | PM <sub>10</sub>            | 2.12                    | 3.38       |
|                           | Stack                  | SO <sub>2</sub>             | 0.01                    | 0.02       |
|                           |                        | NO <sub>x</sub>             | 1.00                    | 3.12       |
|                           |                        | CO                          | 0.22                    | 0.68       |
|                           |                        | VOC                         | 0.06                    | 0.18       |
|                           | Roaster Cooler Cyclone | PM <sub>10</sub>            | 2.00                    | 3.00       |
|                           | Pellet Cooler Cyclone  | PM <sub>10</sub>            | 0.90                    | 5.50       |
|                           | Mineral Tank Bin       | PM <sub>10</sub>            | 0.12                    | <0.01      |

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|---------------------------|--------------------|-----------------------------|------------------|------|
|                           |                    |                             | lb/hr            | TPY  |
|                           | Vent Filter        |                             |                  |      |
|                           | Loadout No. 1      | PM                          | 0.72             |      |
|                           |                    | PM <sub>10</sub>            | 0.36             |      |
|                           | Loadout No. 2      | PM                          | 0.72             |      |
|                           |                    | PM <sub>10</sub>            | 0.36             |      |
|                           | Loadout No. 3      | PM                          | 1.35             |      |
|                           |                    | PM <sub>10</sub>            | 0.68             |      |
|                           | Loadout No. 4      | PM                          | 1.26             |      |
|                           |                    | PM <sub>10</sub>            | 0.63             |      |
|                           | Loadout Operations | PM                          |                  | 4.95 |
|                           |                    | PM <sub>10</sub>            |                  | 2.48 |
|                           | Boiler             | PM <sub>10</sub>            | 0.05             | 0.16 |
|                           |                    | SO <sub>2</sub>             | <0.01            | 0.01 |
|                           |                    | NO <sub>x</sub>             | 0.42             | 1.31 |
|                           |                    | CO                          | 0.09             | 0.28 |
|                           |                    | VOC                         | 0.02             | 0.06 |

(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.

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

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

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

\* Refer to Special Condition No. 1 for throughput limitations and basis

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|---------------------------|--------------------|-----------------------------|-------------------------|------------|
|                           |                    |                             | <u>lb/hr</u>            | <u>TPY</u> |

of emission rates.

Dated\_\_\_\_\_