

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56549

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, sources, and related activities. 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.<br>(1) | Source Name (2)                           | Air Contaminant Name (3) | Emission Rates |         |
|---------------------------|---|--------------------------|----------------|---------|
|                           |   |                          | lbs/hour       | TPY (4) |
| DF #5                     | Rail Receiving Hopper Baghouse Stack      | PM                       | 4.53           | 19.82   |
|                           |   | PM <sub>10</sub>         | 4.53           | 19.82   |
|                           |   | PM <sub>2.5</sub>        | 4.53           | 19.82   |
| DF #2                     | Truck Receiving Pit Baghouse Stack        | PM                       | 2.86           | 12.54   |
|                           |   | PM <sub>10</sub>         | 2.86           | 12.54   |
|                           |   | PM <sub>2.5</sub>        | 2.86           | 12.54   |
| RRH-1                     | Rail Receiving Hopper No. 1 Fugitives (5) | PM                       | 0.27           | --      |
|                           |   | PM <sub>10</sub>         | 0.07           | --      |
|                           |   | PM <sub>2.5</sub>        | 0.07           | --      |
| RRH-2                     | Rail Receiving Hopper No. 2 Fugitives (5) | PM                       | 0.27           | --      |
|                           |   | PM <sub>10</sub>         | 0.07           | --      |
|                           |   | PM <sub>2.5</sub>        | 0.07           | --      |
| TD-1                      | Truck Receiving Pit No. 1 Fugitives (5)   | PM                       | 1.96           | --      |
|                           |   | PM <sub>10</sub>         | 0.44           | --      |
|                           |   | PM <sub>2.5</sub>        | 0.44           | --      |
| TD-2                      | Truck Receiving Pit No. 2 Fugitives (5)   | PM                       | 1.96           | --      |
|                           |   | PM <sub>10</sub>         | 0.44           | --      |
|                           |   | PM <sub>2.5</sub>        | 0.44           | --      |

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|           |  |                   |      |       |
|-----------|--|-------------------|------|-------|
|           | Total Receiving Operations (5)                   | PM                | --   | 7.35  |
|           |  | PM <sub>10</sub>  | --   | 1.64  |
|           |  | PM <sub>2.5</sub> | --   | 1.64  |
| DF #4     | Grain Cleaner Nos. 1 and 2 Baghouse Stack        | PM                | 1.26 | 1.58  |
|           |  | PM <sub>10</sub>  | 1.26 | 1.58  |
|           |  | PM <sub>2.5</sub> | 1.26 | 1.58  |
| DF #6     | Storage Bin Baghouse Stack (A House)             | PM                | 0.22 | 0.94  |
|           |  | PM <sub>10</sub>  | 0.22 | 0.94  |
|           |  | PM <sub>2.5</sub> | 0.22 | 0.94  |
| CDC #1-#6 | Storage Bin Cyclones (B House)                   | PM                | 1.40 | 6.13  |
|           |  | PM <sub>10</sub>  | 1.40 | 6.13  |
|           |  | PM <sub>2.5</sub> | 1.40 | 6.13  |
| DF #1     | Storage Bin Baghouse Stack (C House)             | PM                | 0.22 | 0.94  |
|           |  | PM <sub>10</sub>  | 0.22 | 0.94  |
|           |  | PM <sub>2.5</sub> | 0.22 | 0.94  |
| DF #7     | Superspouts No. 1, East, and West Baghouse Stack | PM                | 1.61 | 7.05  |
|           |  | PM <sub>10</sub>  | 1.61 | 7.05  |
|           |  | PM <sub>2.5</sub> | 1.61 | 7.05  |
| DF #3     | Railcar Loadout Baghouse Stack                   | PM                | 2.79 | 12.22 |
|           |  | PM <sub>10</sub>  | 2.79 | 12.22 |
|           |  | PM <sub>2.5</sub> | 2.79 | 12.22 |

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|        |   |                   |      |      |
|--------|---|-------------------|------|------|
| PR-1   | Railcar Loadout<br>Pneumatic Vent                   | PM                | 0.09 | 0.38 |
|        |   | PM <sub>10</sub>  | 0.09 | 0.38 |
|        |   | PM <sub>2.5</sub> | 0.09 | 0.38 |
| RHCL-1 | Railcar Loadout<br>Fugitives (5)                    | PM                | 2.32 | --   |
|        |   | PM <sub>10</sub>  | 0.19 | --   |
|        |   | PM <sub>2.5</sub> | 0.19 | --   |
| SLO-1  | Superspout No. 1<br>Fugitives (Ship<br>Loadout) (5) | PM                | 5.38 | --   |
|        |   | PM <sub>10</sub>  | 1.34 | --   |
|        |   | PM <sub>2.5</sub> | 1.34 | --   |
| SLS-5  | Ship Loading Spout<br>No. 5 Fugitives (5)           | PM                | 8.06 | --   |
|        |   | PM <sub>10</sub>  | 2.02 | --   |
|        |   | PM <sub>2.5</sub> | 2.02 | --   |
| SLO-E  | Superspout East<br>Fugitives (Ship<br>Loadout) (5)  | PM                | 5.38 | --   |
|        |   | PM <sub>10</sub>  | 1.34 | --   |
|        |   | PM <sub>2.5</sub> | 1.34 | --   |
| SLO-W  | Superspout West<br>Fugitives (Ship<br>Loadout) (5)  | PM                | 5.38 | --   |
|        |   | PM <sub>10</sub>  | 1.34 | --   |
|        |   | PM <sub>2.5</sub> | 1.34 | --   |
| TLO    | Truck Loadout<br>Fugitives (5)                      | PM                | 4.82 | --   |
|        |   | PM <sub>10</sub>  | 1.62 | --   |
|        |   | PM <sub>2.5</sub> | 1.62 | --   |

|  |                                 |                  |    |       |
|--|---------------------------------|------------------|----|-------|
|  | Total Loadout<br>Operations (5) | PM               | -- | 20.16 |
|  |                                 | PM <sub>10</sub> | -- | 5.04  |

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|  |  |                   |    |      |
|--|--|-------------------|----|------|
|  |  | PM <sub>2.5</sub> | -- | 5.04 |
|--|--|-------------------|----|------|

- (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 - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Dated August 4, 2011