

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 111948

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<br>Name (3) | Emission Rates |         |
|---------------------------|---------------------------------------|-----------------------------|----------------|---------|
|                           |                                       |                             | lbs/hour       | TPY (4) |
| FL1                       | SS Loading                            | PM                          | 0.03           | —       |
|                           |                                       | PM <sub>10</sub>            | 0.03           | —       |
|                           |                                       | PM <sub>2.5</sub>           | < 0.01         | —       |
| FL2                       | SS Loading                            | PM                          | 0.03           | —       |
|                           |                                       | PM <sub>10</sub>            | 0.03           | —       |
|                           |                                       | PM <sub>2.5</sub>           | < 0.01         | —       |
| FL-CAP                    | FL1 and FL2 combined annual emissions | PM                          | —              | 0.04    |
|                           |                                       | PM <sub>10</sub>            | —              | 0.04    |
|                           |                                       | PM <sub>2.5</sub>           | —              | < 0.01  |
| FL3                       | Black loading system                  | PM                          | 0.02           | 0.02    |
|                           |                                       | PM <sub>10</sub>            | 0.02           | 0.02    |
|                           |                                       | PM <sub>2.5</sub>           | < 0.01         | < 0.01  |
| BV2                       | Black loading system bin vent         | PM                          | 0.01           | 0.02    |
|                           |                                       | PM <sub>10</sub>            | 0.01           | 0.02    |
|                           |                                       | PM <sub>2.5</sub>           | < 0.01         | < 0.01  |
| BV3                       | Day Bin 1                             | PM                          | 0.03           | —       |
|                           |                                       | PM <sub>10</sub>            | 0.03           | —       |
|                           |                                       | PM <sub>2.5</sub>           | < 0.01         | —       |

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|        |                                       |                   |        |        |
|--------|---------------------------------------|-------------------|--------|--------|
| BV4    | Day Bin 2                             | PM                | 0.03   | —      |
|        |                                       | PM <sub>10</sub>  | 0.03   | —      |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | —      |
| BV-CAP | BV3 and BV4 combined annual emissions | PM                | —      | 0.04   |
|        |                                       | PM <sub>10</sub>  | —      | 0.04   |
|        |                                       | PM <sub>2.5</sub> | —      | < 0.01 |
| VFR1   | PE Silos                              | PM                | 0.01   | 0.03   |
|        |                                       | PM <sub>10</sub>  | 0.01   | 0.03   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| VFR2   | PE Silos                              | PM                | 0.01   | 0.03   |
|        |                                       | PM <sub>10</sub>  | 0.01   | 0.03   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| BV1A   | Bin vent                              | PM                | 0.04   | 0.17   |
|        |                                       | PM <sub>10</sub>  | 0.04   | 0.17   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | 0.01   |
| BV1B   | Bin vent                              | PM                | 0.04   | 0.17   |
|        |                                       | PM <sub>10</sub>  | 0.04   | 0.17   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | 0.01   |
| VFR3   | PE Feeder 1                           | PM                | 0.01   | 0.03   |
|        |                                       | PM <sub>10</sub>  | 0.01   | 0.03   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| VFR4   | PE Feeder 2                           | PM                | 0.01   | 0.03   |
|        |                                       | PM <sub>10</sub>  | 0.01   | 0.03   |
|        |                                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| VFR5   | Concentrate Feeder 3                  | PM                | < 0.01 | 0.01   |

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|      |                       |                   |        |        |
|------|-----------------------|-------------------|--------|--------|
|      |                       | PM <sub>10</sub>  | < 0.01 | 0.01   |
|      |                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| VFR6 | Blendback Feeder 4    | PM                | < 0.01 | 0.01   |
|      |                       | PM <sub>10</sub>  | < 0.01 | 0.01   |
|      |                       | PM <sub>2.5</sub> | < 0.01 | < 0.01 |
| FUG  | Antioxidant Feeder    | PM                | 0.05   | 0.22   |
|      |                       | PM <sub>10</sub>  | 0.05   | 0.22   |
|      |                       | PM <sub>2.5</sub> | < 0.01 | 0.01   |
| DC1  | Mills Dust Collector  | PM                | 0.60   | 2.63   |
|      |                       | PM <sub>10</sub>  | 0.60   | 2.63   |
|      |                       | PM <sub>2.5</sub> | 0.06   | 0.13   |
| DC2  | Collecting Auger Vent | PM                | 0.17   | 0.75   |
|      |                       | PM <sub>10</sub>  | 0.17   | 0.75   |
|      |                       | PM <sub>2.5</sub> | 0.02   | 0.04   |

- (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.

Date: July 28, 2014