

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4002

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) | Emission Rates ** |      |
|---------------------------|--------------------------------|-----------------------------|-------------------|------|
|                           |                                |                             | lb/hr             | TPY  |
| 1                         | Hopper Loading (4)             | PM                          | 2.38              | 4.20 |
|                           |                                | PM <sub>10</sub>            | 0.45              | 0.80 |
| 2                         | Transfer to Conveyor A (4)     | PM                          | 0.12              | 0.20 |
|                           |                                | PM <sub>10</sub>            | 0.02              | 0.04 |
| 3                         | Conveyor A (4)                 | PM                          | 0.12              | 0.20 |
|                           |                                | PM <sub>10</sub>            | 0.02              | 0.04 |
| 4                         | Transfer to Rotary Breaker (4) | PM                          | 0.12              | 0.20 |
|                           |                                | PM <sub>10</sub>            | 0.02              | 0.04 |
| 5                         | Rotary Breaker (4)             | PM                          | 1.70              | 3.00 |
|                           |                                | PM <sub>10</sub>            | 0.32              | 0.57 |
| 6                         | Transfer to Conveyor B (4)     | PM                          | 0.12              | 0.20 |
|                           |                                | PM <sub>10</sub>            | 0.02              | 0.04 |
| 7                         | Conveyor B (4)                 | PM                          | 0.24              | 0.40 |
|                           |                                | PM <sub>10</sub>            | 0.04              | 0.08 |
| 8                         | Transfer to Silo (4)           | PM                          | 0.12              | 0.20 |
|                           |                                | PM <sub>10</sub>            | 0.02              | 0.04 |
| 9                         | Railcar Loadout (4)            | PM                          | 0.27              | 0.41 |
|                           |                                | PM <sub>10</sub>            | 0.05              | 0.08 |

(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 suspended particulate matter (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 PM greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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\*\* Emission rates are based on, and the facilities are limited by, the following maximum operating schedule and throughput rates.

Hrs/day 24 Days/week 7 Weeks/year 52 or 8,760 Hours/year

|                                |                 |                            |
|--------------------------------|-----------------|----------------------------|
| Lignite Coal Throughput Rates: | Rotary Breaker  | Tons/hour <u>1,700</u>     |
| Tons/year <u>6,000,000</u>     |                 |                            |
|                                | Railcar Loadout | Tons/hour <u>2,000</u>     |
|                                |                 | Tons/year <u>6,000,000</u> |
|                                | Total Facility  | Tons/year <u>6,000,000</u> |

Dated December 3, 2004