

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79037L001

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 Point No. (1)               | Source Name (2)                       | Air Contaminant Name (3) | <u>Emission Rates *</u> |      |
|--------------------------------------|---------------------------------------|--------------------------|-------------------------|------|
|                                      |                                       |                          | lb/hr                   | TPY  |
| 3                                    | Crusher No. 1 (4)                     | PM                       | 1.20                    | 0.90 |
|                                      |                                       | PM <sub>10</sub>         | 0.54                    | 0.41 |
| 7                                    | Screen No. 1 (4)                      | PM                       | 2.20                    | 1.65 |
|                                      |                                       | PM <sub>10</sub>         | 0.74                    | 0.56 |
| 12                                   | Crusher No. 2 (4)                     | PM                       | 0.24                    | 0.18 |
|                                      |                                       | PM <sub>10</sub>         | 0.11                    | 0.08 |
| 16                                   | Crusher No. 3 (4)                     | PM                       | 0.24                    | 0.18 |
|                                      |                                       | PM <sub>10</sub>         | 0.11                    | 0.08 |
| 17                                   | Screen No. 2 (4)                      | PM                       | 0.44                    | 0.33 |
|                                      |                                       | PM <sub>10</sub>         | 0.15                    | 0.11 |
| 1, 2, 4-6, 8-11,<br>13-15, and 18-21 | Hoppers and<br>Conveyors (4)          | PM                       | 0.83                    | 0.63 |
|                                      |                                       | PM <sub>10</sub>         | 0.27                    | 0.21 |
| STK                                  | Stockpiles (4)                        | PM                       | --                      | 4.57 |
|                                      |                                       | PM <sub>10</sub>         | --                      | 2.29 |
| MTL                                  | Material Loading<br>and Unloading (4) | PM                       | 0.21                    | 0.16 |
|                                      |                                       | PM <sub>10</sub>         | 0.10                    | 0.08 |

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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.
- (4) Fugitive emissions are an estimate only.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

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

### Maximum Throughput Rates:

|                 |       |     |           |     |
|-----------------|-------|-----|-----------|-----|
| Crusher No. 1:  | 1,000 | TPH | 1,500,000 | TPY |
| Screen No. 1:   | 1,000 | TPH | 1,500,000 | TPY |
| Crusher No. 2:  | 200   | TPH | 300,000   | TPY |
| Crusher No. 3:  | 200   | TPH | 300,000   | TPY |
| Screen No. 2:   | 200   | TPH | 300,000   | TPY |
| Total Facility: |       |     | 1,500,000 | TPY |

Dated February 22, 2008