

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 37802

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  |
| 1                      | Feeder/Hopper (4)             | PM                       | 0.06                    | 0.06 |
|                        |                               | PM <sub>10</sub>         | 0.02                    | 0.02 |
| 2                      | Waste Product Pile (4)        | PM                       | ---                     | 0.04 |
|                        |                               | PM <sub>10</sub>         | ---                     | 0.02 |
| 3                      | Jaw Crusher (4)               | PM                       | 0.08                    | 0.08 |
|                        |                               | PM <sub>10</sub>         | 0.04                    | 0.04 |
| 4                      | Transfer Conveyor (4)(5)      | PM                       | 0.06                    | 0.06 |
|                        |                               | PM <sub>10</sub>         | 0.02                    | 0.02 |
| 6                      | Transfer to Screen Hopper (4) | PM                       | 0.06                    | 0.06 |
|                        |                               | PM <sub>10</sub>         | 0.02                    | 0.02 |
| 7                      | Screen (4)                    | PM                       | 0.88                    | 0.88 |
|                        |                               | PM <sub>10</sub>         | 0.30                    | 0.30 |
| 8                      | Impact Crusher (4)            | PM                       | 0.48                    | 0.48 |
|                        |                               | PM <sub>10</sub>         | 0.24                    | 0.24 |
| 9, 10, and 11          | Stockpiles (4)<br>(Total)     | PM                       | ---                     | 0.11 |
|                        |                               | PM <sub>10</sub>         | ---                     | 0.05 |
| 13                     | Diesel Engine No. 1           | PM <sub>10</sub>         | 0.66                    | 0.66 |
|                        |                               | NO <sub>x</sub>          | 9.30                    | 9.30 |
|                        |                               | CO                       | 0.20                    | 0.20 |
|                        |                               | SO <sub>2</sub>          | 0.62                    | 0.62 |
|                        |                               | VOC                      | 0.72                    | 0.72 |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2)  | Air Contaminant<br>Name (3) | Emission Rates * |       |
|---------------------------|---------------------|-----------------------------|------------------|-------|
|                           |                     |                             | lb/hr            | TPY   |
| 14                        | Diesel Engine No. 2 | PM <sub>10</sub>            | 0.97             | 0.97  |
|                           |                     | NO <sub>x</sub>             | 13.64            | 13.64 |
|                           |                     | CO                          | 0.29             | 0.29  |
|                           |                     | SO <sub>2</sub>             | 0.90             | 0.90  |
|                           |                     | VOC                         | 1.06             | 1.06  |
| 15,16, and 17             | Screen to Conveyors | PM                          | 0.17             | 0.17  |
|                           |                     | PM <sub>10</sub>            | 0.06             | 0.06  |

- (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 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 PM greater than 10 microns is emitted.  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Emission Point No. (EPN) 5 (Closed Circuit Conveyor) has been combined with EPN 4 (Conveyor Transfer).

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

24 Hrs/day 7 Days/week 52 Weeks/year or 2,000 Hrs/year

Maximum Production: 400 tons/hour 800,000 tons/year

Dated December 16, 2008