

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6969

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                         | Primary Crusher (4)   | PM                          | 0.56                  | 0.84  |
|                           |                       | PM <sub>10</sub>            | 0.21                  | 0.31  |
| 2                         | Secondary Crusher (4) | PM                          | 0.56                  | 0.84  |
|                           |                       | PM <sub>10</sub>            | 0.21                  | 0.31  |
| 3                         | Screen No. 1 (4)      | PM                          | 0.62                  | 0.93  |
|                           |                       | PM <sub>10</sub>            | 0.29                  | 0.44  |
| 4                         | Screen No. 2 (4)      | PM                          | 1.54                  | 2.31  |
|                           |                       | PM <sub>10</sub>            | 0.74                  | 1.10  |
| F1                        | Material Handling (4) | PM                          | 0.06                  | 0.09  |
|                           |                       | PM <sub>10</sub>            | 0.03                  | 0.04  |
| F2                        | Stockpiles (4)        | PM                          | -                     | 7.24  |
|                           |                       | PM <sub>10</sub>            | -                     | 3.47  |
| E1                        | Crusher No. 1 Engine  | NO <sub>x</sub>             | 8.88                  | 13.32 |
|                           |                       | (Caterpillar D379)          | CO                    | 2.20  |
|                           |                       |                             | 3.30                  |       |
|                           |                       |                             | SO <sub>2</sub> 1.03  | 1.54  |
|                           |                       |                             | PM <sub>10</sub> 0.08 | 0.13  |
|                           |                       |                             | VOC 0.20              | 0.29  |
|                           |                       |                             |                       |       |
| E2                        | Crusher No. 2 Engine  | NO <sub>x</sub>             | 6.77                  | 10.16 |
|                           |                       | (Caterpillar 3406B)         | CO                    | 1.03  |
|                           |                       |                             | 1.55                  |       |
|                           |                       |                             | SO <sub>2</sub> 1.03  | 1.54  |
|                           |                       |                             | PM <sub>10</sub> 0.24 | 0.36  |
|                           |                       |                             | VOC 0.16              | 0.24  |
|                           |                       |                             |                       |       |

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| Emission<br>Point No. (1) | Source<br>Name (2) | Air Contaminant<br>Name (3)            | Emission Rates *      |       |
|---------------------------|--------------------|--|-----------------------|-------|
|                           |                    |  | lb/hr                 | TPY** |
| G1                        | Generator No. 1    | NO <sub>x</sub><br>(Caterpillar 3406B) | 6.77                  | 10.16 |
|                           |                    |  | CO 1.55               | 1.03  |
|                           |                    |  | SO <sub>2</sub> 1.03  | 1.54  |
|                           |                    |  | PM <sub>10</sub> 0.24 | 0.36  |
|                           |                    |  | VOC 0.16              | 0.24  |
|                           |                    |  |                       |       |
| G2                        | Generator No. 2    | NO <sub>x</sub><br>(Caterpillar 3406B) | 6.77                  | 10.16 |
|                           |                    |  | CO 1.55               | 1.03  |
|                           |                    |  | SO <sub>2</sub> 1.03  | 1.54  |
|                           |                    |  | PM <sub>10</sub> 0.24 | 0.36  |
|                           |                    |  | VOC 0.16              | 0.24  |
|                           |                    |  |                       |       |

(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 - 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 particulate matter 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.

\* 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

Feeder/grizzly: 425 tons/hour

Primary Crusher: 350 tons/hour 1,050,000 tons/year

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|---------------------------|--------------------|-----------------------------|-------------------------|--------------|
|                           |                    |                             | <u>lb/hr</u>            | <u>TPY**</u> |

Dated November 3, 2006