

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 168780

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) | <u>Emission Rates *</u> |            |
|---------------------------|---------------------------------------|-----------------------------|-------------------------|------------|
|                           |                                       |                             | <u>lb/hr</u>            | <u>TPY</u> |
| 1                         | Baghouse Stack                        | PM <sub>10</sub>            | 13.34                   | 5.00       |
|                           |                                       | VOC                         | 12.80                   | 4.80       |
|                           |                                       | NO <sub>x</sub>             | 22.00                   | 8.25       |
|                           |                                       | SO <sub>2</sub>             | 23.20                   | 8.70       |
|                           |                                       | CO                          | 52.00                   | 19.50      |
| 2                         | Lime Silo Baghouse Stack              | PM <sub>10</sub>            | 0.03                    | <0.01      |
| 3                         | Asphalt Tank/Heater<br>No. 1 Vent (4) | PM <sub>10</sub>            | 0.08                    | 0.06       |
|                           |                                       | VOC                         | <0.01                   | <0.01      |
|                           |                                       | NO <sub>x</sub>             | 0.18                    | 0.14       |
|                           |                                       | SO <sub>2</sub>             | 0.07                    | 0.05       |
|                           |                                       | CO                          | 0.05                    | 0.03       |
| 4                         | Asphalt Tank/Heater<br>No. 2 Vent (4) | PM <sub>10</sub>            | 0.08                    | 0.06       |
|                           |                                       | VOC                         | <0.01                   | <0.01      |
|                           |                                       | NO <sub>x</sub>             | 0.18                    | 0.14       |
|                           |                                       | SO <sub>2</sub>             | 0.07                    | 0.05       |
|                           |                                       | CO                          | 0.05                    | 0.03       |
| 5                         | Storage Silo Filling (4)              | PM <sub>10</sub>            | 0.15                    | 0.06       |
|                           |                                       | VOC                         | 1.04                    | 0.39       |
|                           |                                       | CO                          | 0.10                    | 0.04       |
| 6                         | Truck Loadout (4)                     | PM <sub>10</sub>            | 0.10                    | 0.04       |
|                           |                                       | VOC                         | 0.33                    | 0.13       |
|                           |                                       | CO                          | 0.12                    | 0.04       |
| 7                         | Aggregate Stockpiles (4)              | PM                          |                         | 1.05       |
|                           |                                       | PM <sub>10</sub>            |                         | 0.52       |

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|---------------------------|---------------------------------------|-----------------------------|-------------------------|------------|
|                           |                                       |                             | <u>lb/hr</u>            | <u>TPY</u> |
| 8                         | Diesel Storage Tank (4)               | VOC                         | <0.01                   | <0.01      |
| 9                         | Material Handling (4)                 | PM                          | 0.72                    | 0.23       |
|                           |                                       | PM <sub>10</sub>            | 0.34                    | 0.11       |
| 10                        | Caterpillar 3412 Generator<br>Set (5) | PM <sub>10</sub>            | 0.40                    | 0.53       |
|                           |                                       | VOC                         | 0.13                    | 0.17       |
|                           |                                       | NO <sub>x</sub>             | 13.81                   | 18.23      |
|                           |                                       | SO <sub>2</sub>             | 1.98                    | 2.62       |
|                           |                                       | CO                          | 0.48                    | 0.63       |

(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 particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (TAC) Section 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) Authorized under 30 TAC Section 106.512.

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

11 Hrs/day 6 Days/week 40 Weeks/year or \_\_\_\_\_Hrs/year

Standard Hot Mix: Tons/hour 400 Tons/year 300,000

Dated March 28, 2002