

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1140A

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                         | Truck Receiving<br>Pit No. 1           | PM<br>PM <sub>10</sub>      | 3.42<br>1.71     |              |
| 2                         | Truck Receiving Pit<br>No. 2           | PM<br>PM <sub>10</sub>      | 3.42<br>1.71     |              |
| 3                         | Truck Receiving Pit<br>No. 3           | PM<br>PM <sub>10</sub>      | 3.42<br>1.71     |              |
| 1-3                       | Total Truck Receiving Pits<br>Nos. 1-3 | PM<br>PM <sub>10</sub>      |                  | 3.24<br>1.62 |
| 4                         | Railcar Receiving Pit<br>No. 1         | PM<br>PM <sub>10</sub>      | 6.84<br>3.42     |              |
| 5                         | Railcar Receiving Pit<br>No. 2         | PM<br>PM <sub>10</sub>      | 6.84<br>3.42     |              |
| 4-5                       | Total Truck Receiving Pits<br>Nos. 1-2 | PM<br>PM <sub>10</sub>      |                  | 1.20<br>0.60 |
| 6                         | Pellet Cyclone A                       | PM<br>PM <sub>10</sub>      | 2.50<br>0.38     | 1.50<br>0.23 |
| 7                         | Pellet Cyclone B                       | PM<br>PM <sub>10</sub>      | 2.50<br>0.38     | 1.50<br>0.23 |
| 8                         | Pellet Cyclone E                       | PM<br>PM <sub>10</sub>      | 2.50<br>0.60     | 4.00         |

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|---------------------------|----------------------------------|---|------------------------------|---------------------------------------|
|                           |                                  |   | lb/hr                        | TPY                                   |
| 9                         | Flaking Cyclone C                | PM <sub>10</sub> PM 0.15  | 1.00<br>0.08                 | 0.50                                  |
| 10                        | Flaking Cyclone D                | PM <sub>10</sub> PM 0.15  | 1.00<br>0.08                 | 0.50                                  |
| 11                        | Dust Control<br>Bagfilter System | PM <sub>10</sub>  | 0.21                         | 0.94                                  |
| 12                        | Truck Loadout                    | PM<br>PM <sub>10</sub>  | 0.90<br>0.45                 | 0.86<br>0.43                          |
| 13                        | Flaking Boiler<br>3.15 MMBtu/hr  | PM <sub>10</sub><br>NO <sub>x</sub><br>CO<br>VOC<br>SO <sub>2</sub> | 0.05<br>0.63<br>0.53<br>0.04 | 0.22<br>2.76<br>2.32<br>0.16<br><0.01 |
|                           | 0.03                             |   |                              |                                       |
| 14                        | Pellet Boiler<br>3.15 MMBtu/hr   | PM <sub>10</sub><br>NO <sub>x</sub><br>CO<br>VOC<br>SO <sub>2</sub> | 0.05<br>0.63<br>0.53<br>0.04 | 0.22<br>2.76<br>2.32<br>0.16<br><0.01 |
|                           | 0.03                             |   |                              |                                       |
| 15                        | Pellet Cyclone F                 | PM <sub>10</sub> PM 0.38  | 2.50<br>0.23                 | 1.50                                  |

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- (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.  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated December 19, 2000