

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9214

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>* | Source                   | Air Contaminant        | <u>Emission Rates</u> |            |
|---------------|--------------------------|------------------------|-----------------------|------------|
| Point No. (1) | Name (2)                 | Name (3)               | <u>lb/hr</u>          | <u>TPY</u> |
| MBS-13        | Dryer Heater             | CO                     | 0.03                  | 0.14       |
|               |                          | NO <sub>x</sub>        | 0.15                  | 0.66       |
|               |                          | VOC                    | 0.01                  | 0.04       |
|               |                          | PM                     | 0.02                  | 0.08       |
|               |                          | SO <sub>2</sub>        | <0.01                 | <0.01      |
| MBS-14        | Cyclone                  | PM                     | 0.23                  | 1.02       |
| MBS Silo      | Silo                     | PM                     | 0.05                  | 0.22       |
| ST-1          | Caustic Scrubber         | SO <sub>2</sub>        | 2.46                  | 10.80      |
|               |                          | PM                     | 0.03                  | 0.14       |
| ST-2          | Sulfite Reactor R-301A   | SO <sub>2</sub>        | 0.77                  | 3.36       |
| SA-1          | Soda Ash Baghouse        | PM                     | 1.13                  | 1.03       |
| ST-4          | Digester D-303A,B        | PM                     | 0.70                  | 0.50       |
| ST-5          | Digester D-302-A         | PM                     | 0.70                  | 0.50       |
| ST-8          | Fugitives (4)            | SO <sub>2</sub>        | 1.08                  | 4.96       |
| STS Hop       | Penta Packing Hopper     | PM                     | 0.08                  | 0.01       |
| PG-1          | SO <sub>2</sub> Scrubber | For Emergency Use Only |                       |            |

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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) CO - carbon monoxide  
NO<sub>x</sub> - nitrogen oxides  
VOC - volatile organic compounds as defined in General Rule 101.1.  
SO<sub>2</sub> - sulfur dioxide  
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.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

\_\_\_\_\_Hrs/day    \_\_\_\_\_Days/week    \_\_\_\_\_Weeks/year or 8,760  
Hrs/year

Dated \_\_\_\_\_