

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4512

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                                      |          | Air Contaminant  |      | <u>Emission Rates</u> |      |
|---------------------------|---|----------|------------------|------|-----------------------|------|
|                           | Name (2)                                    | Name (3) | lb/hr            | TPY  |                       |      |
|                           | Green Peanut Receiving Pit (a)              |          | TSP              | 0.27 |                       |      |
|                           |   |          | PM <sub>10</sub> | 0.13 |                       |      |
|                           | Green Peanut Receiving Conveyor (a)         |          | TSP              | 0.27 |                       |      |
|                           |   |          | PM <sub>10</sub> | 0.13 |                       |      |
|                           | Total Green Peanut Receiving Operations (b) |          | TSP              |      |                       | 0.05 |
|                           |   |          | PM <sub>10</sub> |      |                       | 0.03 |
|                           | Sand Screen (c)                             |          | TSP              | 1.35 |                       | 0.23 |
|                           |   |          | PM <sub>10</sub> | 0.67 |                       | 0.12 |
|                           | Sand Screen Loadout (c)                     |          | TSP              | 1.35 |                       | 0.23 |
|                           |   |          | PM <sub>10</sub> | 0.67 |                       | 0.12 |
|                           | Dry Peanut Receiving Pit (c)                |          | TSP              | 0.27 |                       | 0.05 |
|                           |   |          | PM <sub>10</sub> | 0.13 |                       | 0.03 |
|                           | Dry Peanut Loadout Spout (c)                |          | TSP              | 1.35 |                       | 0.23 |
|                           |   |          | PM <sub>10</sub> | 0.67 |                       | 0.12 |
|                           | Total Drying (d) Operations                 |          | PM <sub>10</sub> | 0.13 |                       | 0.20 |
|                           |   |          | VOC              | 0.07 |                       | 0.10 |
|                           |   |          | NO <sub>x</sub>  | 1.05 |                       | 1.68 |
|                           |   |          | CO               | 0.23 |                       | 0.36 |
|                           |   |          | SO <sub>2</sub>  | 0.01 |                       | 0.01 |

- (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) TSP - Total suspended particulate including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter

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VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 30 tons of peanuts.
- (b) Emission rates are based on and the facilities are limited to an annual throughput of 10,000 tons of peanuts.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 30 tons and an annual throughput of 10,000 tons of peanuts.
- (d) Emission rates are based on and the facilities are limited to a maximum operating schedule of 3,182 hrs/yr.

Dated \_\_\_\_\_