

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55051L001

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)         | lb/hr                 | TPY   |
| C, H (5)      | Aggregate Handling (4)   | PM               | 0.01                  | <0.01 |
|               |                          | PM <sub>10</sub> | <0.01                 | <0.01 |
| B             | Crushing Operations (4)  | PM               | 0.06                  | 0.05  |
|               |                          | PM <sub>10</sub> | 0.03                  | 0.03  |
| A, D          | Screening Operations (4) | PM               | 0.18                  | 0.15  |
|               |                          | PM <sub>10</sub> | 0.09                  | 0.07  |
| G             | Stockpiles (4)           | PM               | -                     | 0.18  |
|               |                          | PM <sub>10</sub> | 0.09                  |       |
| Generator     | Gen-set/engine           | PM <sub>10</sub> | 0.53                  | 0.42  |
|               |                          | NO <sub>x</sub>  | 7.41                  | 5.93  |
|               |                          | CO               | 1.60                  | 1.28  |
|               |                          | SO <sub>x</sub>  | 0.49                  | 0.39  |
|               |                          | VOC              | 0.59                  | 0.47  |

(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

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particulate matter  
greater than 10  
microns is emitted.

NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>x</sub> - total oxides of sulfur  
CO - carbon monoxide  
VOC - volatile organic compounds

- (4) Fugitive emissions are an estimate only.  
(5) Includes charging of Hopper A, drop from Hopper A to Conveyor C, and loading of product from stockpiles to trucks.

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

8 Hrs/day 5 Days/week 40 Weeks/year or 1,600 Hrs/year

|                          |                      |   |
|--------------------------|----------------------|---|
| Primary Crusher:         | <u>100</u> Tons/hour | — |
| <u>160,000</u> Tons/year |                      |   |
| Total Facility:          |                      | — |
| <u>160,000</u> Tons/year |                      |   |

Dated \_\_\_\_\_