

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17950

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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * (5) | |
|---|---|--------------------------|----------------------|--------|
| | | | lbs/hour | TPY ** |
| TCL-SC1 | Grizzly Feeder (4) | PM | 0.71 | 0.95 |
| | | PM ₁₀ | 0.34 | 0.45 |
| TCL-CR1 | Jaw Crusher(4) | PM | 0.07 | 0.09 |
| | | PM ₁₀ | 0.03 | 0.04 |
| TCL-SC2 | Primary Screen (4) | PM | 0.14 | 0.19 |
| | | PM ₁₀ | 0.07 | 0.09 |
| TCL-SC3 | Secondary Screen (4) | PM | 0.60 | 0.81 |
| | | PM ₁₀ | 0.29 | 0.39 |
| TCL-CR2 | Impact Crusher (4) | PM | 0.17 | 0.23 |
| | | PM ₁₀ | 0.08 | 0.11 |
| TCL-MH (TCL-TR1 through TCL-TR11) | Material Handling (4) | PM | 0.19 | 0.25 |
| | | PM ₁₀ | 0.09 | 0.12 |
| TCL-SP (TCL-SP1 through TCL-SP4) | Stockpiles A, B (4) Surge, and Product | PM | | 0.75 |
| | | PM ₁₀ | | 0.30 |

- (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 an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - 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.

- (4) Fugitive emissions
(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

9 Hrs/day 6 Days/week 50 Weeks/year or Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

| <u>Process</u> | <u>Maximum Hourly Throughput(tons)</u> | <u>Maximum Annual Throughput(tons)</u> |
|----------------|--|--|
| Grizzly Feeder | 400 | 1,080,000 |
| Jaw Crusher | 320 | 864,000 |
| Impact Crusher | 140 | 378,000 |

Date: January 25, 2013