

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17298

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 | |
|------------------------|---|--------------------------|----------------|---------|
| | | | lbs/hour | TPY (4) |
| PC-1 | Railcar to Conveyor Transfer (5) | PM | 0.12 | 0.03 |
| | | PM ₁₀ | 0.06 | 0.02 |
| | | PM _{2.5} | 0.06 | 0.02 |
| PC-2 | Conveyor to Dump Truck Transfer (5) | PM | 0.12 | 0.03 |
| | | PM ₁₀ | 0.06 | 0.02 |
| | | PM _{2.5} | 0.06 | 0.02 |
| PC-3 | Dump Truck to Storage Pile Transfer (5) | PM | 1.62 | 0.22 |
| | | PM ₁₀ | 0.76 | 0.11 |
| | | PM _{2.5} | 0.76 | 0.11 |
| C-1 | Lignite Transfer Tower 1 | PM | 0.04 | 0.18 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.03 |
| C-2 | Lignite Transfer to Storage | PM | 0.25 | 0.28 |
| | | PM ₁₀ | 0.25 | 0.28 |
| | | PM _{2.5} | 0.25 | 0.28 |
| C-3 | Lignite Stackout Chute | PM | 0.25 | 1.50 |
| | | PM ₁₀ | 0.25 | 1.50 |
| | | PM _{2.5} | 0.25 | 1.50 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|------|-------------------------------|-------------------|------|------|
| C-4 | Lignite Reclaimer | PM | 0.25 | 1.95 |
| | | PM ₁₀ | 0.25 | 1.95 |
| | | PM _{2.5} | 0.25 | 1.95 |
| C-5 | Lignite Reclaimer to Conveyor | PM | 0.25 | 0.46 |
| | | PM ₁₀ | 0.25 | 0.46 |
| | | PM _{2.5} | 0.25 | 0.46 |
| C-6 | Lignite Stackout Chute | PM | 0.62 | 1.50 |
| | | PM ₁₀ | 0.62 | 1.50 |
| | | PM _{2.5} | 0.62 | 1.50 |
| C-7 | Lignite Transfer Point | PM | 0.04 | 0.12 |
| | | PM ₁₀ | 0.02 | 0.06 |
| | | PM _{2.5} | 0.01 | 0.02 |
| C-8 | Lignite Crusher Building | PM | 0.04 | 0.18 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.01 | 0.03 |
| C-9 | Truck Dump | PM | 0.25 | 0.28 |
| | | PM ₁₀ | 0.25 | 0.28 |
| | | PM _{2.5} | 0.25 | 0.28 |
| C-10 | Transfer Point | PM | 0.17 | 0.19 |
| | | PM ₁₀ | 0.17 | 0.19 |
| | | PM _{2.5} | 0.17 | 0.19 |
| C-11 | Feeder Breaker | PM | 0.29 | 0.32 |
| | | PM ₁₀ | 0.29 | 0.32 |
| | | PM _{2.5} | 0.29 | 0.32 |
| C-12 | Transfer Point | PM | 0.17 | 0.19 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---------|---|-------------------|-------|-------|
| | | PM ₁₀ | 0.17 | 0.19 |
| | | PM _{2.5} | 0.17 | 0.19 |
| F-PCOKE | Pet Coke Fugitives (5) | PM | 0.91 | 3.99 |
| | | PM ₁₀ | 0.45 | 1.99 |
| | | PM _{2.5} | 0.45 | 1.99 |
| RC-1 | Transfer Point # 1 Railcar to Conveyor Transfer | PM | 0.03 | <0.01 |
| | | PM ₁₀ | 0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| CONV | Conveyor Belt | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| RC-2 | Transfer Point #2 Front End Loader Reclaim from Temporary Stockpile Maintenance | PM | 0.07 | <0.01 |
| | | PM ₁₀ | 0.03 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| RC-3 | Transfer Point #3 Front End Loader Reclaim from Temporary Stockpile | PM | 0.07 | <0.01 |
| | | PM ₁₀ | 0.03 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| RC-4 | Transfer Point #4 Truck Loading | PM | 0.03 | <0.01 |
| | | PM ₁₀ | 0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| RC-PILE | Temporary Stockpile | PM | 0.08 | 0.36 |
| | | PM ₁₀ | 0.04 | 0.18 |
| | | PM _{2.5} | 0.01 | 0.03 |
| LDSP | Lignite Dead Storage Pile | PM | 0.14 | 0.60 |
| | | PM ₁₀ | 0.07 | 0.30 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---------|----------------------|-------------------|--------|--------|
| | | PM _{2.5} | 0.01 | 0.04 |
| L-PILE | Lignite Live Storage | PM | 0.41 | 1.81 |
| | | PM ₁₀ | 0.21 | 0.90 |
| | | PM _{2.5} | 0.03 | 0.13 |
| MSS-FUG | MSS Fugitives (5) | PM | 0.08 | 0.01 |
| | | PM ₁₀ | 0.04 | < 0.01 |
| | | PM _{2.5} | < 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) PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: May 31, 2013