

Emission Sources - Maximum Allowable Emission Rates

Permit Number 932

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 (6) | |
|--|--|--------------------------|--------------------|---------|
| | | | lbs/hour | TPY (4) |
| Units No. 1 and No. 2 Lignite Handling | | | | |
| LG12-1F | Railcar Unloading Fugitives (5) | PM | 1.21 | 1.22 |
| | | PM ₁₀ | 0.57 | 0.58 |
| LG12-2F | Unit 1 and 2 Receiving Hopper Transfer Fugitives (5) | PM | 0.03 | 0.03 |
| | | PM ₁₀ | 0.01 | 0.01 |
| LG12-3F | Unit 1 and 2 Surge Silo Loading Transfer Fugitives (5) | PM | 0.09 | 0.09 |
| | | PM ₁₀ | 0.04 | 0.04 |
| LG12-3AF | Unit 1 and 2 Surge Silo Bypass Transfer Fugitives (5) | PM | 3.02 | 1.05 |
| | | PM ₁₀ | 1.56 | 0.54 |
| LG12-4F | Unit 1 and 2 Surge Silo Unloading Transfer Fugitives (5) | PM | 0.02 | 0.03 |
| | | PM ₁₀ | 0.01 | 0.02 |
| LG12-5MF and LG12-5WF | Live Storage Pile Maintenance and Wind Fugitives (5)(7) | PM | 28.91 | 6.84 |
| | | PM ₁₀ | 8.41 | 2.03 |
| LG12-6AF to 6FF | Stacker/Reclaimer Transfer Fugitives (5) | PM | 10.60 | 2.64 |
| | | PM ₁₀ | 5.04 | 1.26 |
| LG12-7F | Unit 1 and 2 Dead Storage Reclaim Fugitives (5) | PM | 0.02 | <0.01 |
| | | PM ₁₀ | 0.01 | <0.01 |
| LG12-7AF | Unit 1 and 2 Dead Storage Reclaim Belt Transfer Fugitives (5) | PM | 0.51 | 0.06 |
| | | PM ₁₀ | 0.24 | 0.03 |
| LG12-8F | Unit 1 and 2 Crusher Tower Transfer and Crushing Fugitives (5) | PM | 0.92 | 1.29 |
| | | PM ₁₀ | 0.37 | 0.52 |
| LG12-9F | Unit 1 and 2 Transfer Tower No. 1 Transfer Fugitives (5) | PM | 0.07 | 0.10 |
| | | PM ₁₀ | 0.03 | 0.05 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|-----------------------------|--|------------------|-------|-------|
| LG12-10 | Unit 1 and 2 Transfer Tower No. 1 Boiler Silos Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.03 |
| LG12-10F | Unit 1 and 2 Transfer Tower No. 2 Fugitives (5) | PM | 0.09 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG12-11 | Unit 1 and 2 Transfer Tower No. 3 Boiler Silos Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.06 |
| LG12-11F | Unit 1 and 2 Transfer Tower No. 3 Fugitives (5) | PM | 0.09 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG12-12 | Unit 1 and 2 Transfer Tower No. 4 Boiler Silos Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.03 |
| LG12-12F | Unit 1 and 2 Transfer Tower No. 4 Fugitives (5) | PM | 0.09 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG12-13 | Unit 1 and 2 Transfer Tower No. 5 Boiler Silos Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.03 |
| LG12-13F | Unit 1 and 2 Transfer Tower No. 5 Fugitives (5) | PM | 0.09 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG12-15WF | Wind Fugitives from Stacker/Reclaimer Conveyor (5) | PM | 0.36 | 1.57 |
| | | PM ₁₀ | 0.18 | 0.79 |
| LG12-16MF and LG12-16WF | Dead Storage Pile Maintenance and Wind Fugitives (5) (7) | PM | 0.20 | 0.07 |
| | | PM ₁₀ | <0.01 | 0.02 |
| LG123M & WF | Surge Silo Bypass Pile Wind and Maintenance Fugitives (5) (7) | PM | 0.51 | 0.72 |
| | | PM ₁₀ | 0.51 | 0.72 |
| Unit No. 3 Lignite Handling | | | | |
| LG3-1F | Railcar Unloading Fugitives (5) | PM | 1.21 | 0.61 |
| | | PM ₁₀ | 0.58 | 0.29 |
| LG3-2F | Unit 3 Receiving Hopper Transfer Fugitives (5) | PM | 0.02 | 0.01 |
| | | PM ₁₀ | 0.01 | <0.01 |
| LG3-3F | Unit 3 Surge Silo Loading Transfer Fugitives (5) | PM | 0.09 | 0.05 |
| | | PM ₁₀ | 0.04 | 0.02 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|-----------------------|--|------------------|-------|-------|
| LG3-3AF | Unit 3 Surge Silo Bypass Transfer Fugitives (5) | PM | 3.02 | 0.53 |
| | | PM ₁₀ | 1.56 | 0.27 |
| LG3-4F | Unit 3 Surge Silo Unloading Transfer Fugitives (5) | PM | 0.01 | 0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| LG3-5MF and LG3-5WF | Live Storage Pile Wind and Maintenance Fugitives (5)(7) | PM | 28.91 | 4.04 |
| | | PM ₁₀ | 8.41 | 1.22 |
| LG3-6AF to 6FF | Stacker Reclaimer Transfer Fugitives (5) | PM | 10.60 | 1.34 |
| | | PM ₁₀ | 5.04 | 0.64 |
| LG3-7F | Unit 3 Dead Storage Reclaim Fugitives (5) | PM | 0.02 | <0.01 |
| | | PM ₁₀ | 0.01 | <0.01 |
| LG3-7AF | Unit 3 Dead Storage Reclaim Belt Transfer Fugitives (5) | PM | 0.51 | 0.02 |
| | | PM ₁₀ | 0.24 | 0.01 |
| LG3-8F | Unit 3 Crusher Tower Transfer and Crushing Fugitives (5) | PM | 0.92 | 0.63 |
| | | PM ₁₀ | 0.37 | 0.26 |
| LG3-9F | Unit 3 Transfer Tower No. 31 Transfer Fugitives (5) | PM | 0.07 | 0.05 |
| | | PM ₁₀ | 0.03 | 0.02 |
| LG3-10 | Unit 3 Transfer Tower No. 32 Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.03 |
| LG3-10F | Unit 3 Transfer Tower No. 32 Transfer Fugitives (5) | PM | 0.10 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG3-11 | Unit 3 Transfer Tower No. 33 Exhaust Vent | PM | 0.01 | 0.06 |
| | | PM ₁₀ | 0.01 | 0.03 |
| LG3-11F | Unit 3 Transfer Tower No. 33 Transfer Fugitives (5) | PM | 0.10 | 0.42 |
| | | PM ₁₀ | 0.05 | 0.20 |
| LG3-12WF | Wind Fugitives from Stacker/Reclaimer Conveyor (5) | PM | 0.18 | 0.79 |
| | | PM ₁₀ | 0.09 | 0.39 |
| LG3-14MF and LG3-14WF | Dead Storage Pile Wind and Maintenance Fugitives (5)(7) | PM | 3.22 | 4.70 |
| | | PM ₁₀ | 0.61 | 0.89 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|--|--|-------------------|------|------|
| | | PM _{2.5} | 0.06 | 0.09 |
|--|--|-------------------|------|------|

- (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 representedPM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as representedPM_{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.
- (6) Planned startup and shutdown emissions are included.
- (7) The emissions quantified for the stockpile areas include emissions from all typical operational activities of an open coal stockpile; for example, loading, unloading, compacting, shaping, and upkeep.

Date: January 19, 2022