

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 56447

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)
6	Transfer Tower 1XA/Transfer from Conveyor 1 onto Conveyor 1X or Conveyor 2 (6)	PM	0.07	0.15
		PM <sub>10</sub>	0.03	0.07
		PM <sub>2.5</sub>	0.03	0.07
8	Transfer Tower 1A/Transfer from Conveyor 1X onto Conveyor 2B (6)	PM	0.07	0.15
		PM <sub>10</sub>	0.03	0.07
		PM <sub>2.5</sub>	0.03	0.07
LC2WF	Conveyor 2 (6)	PM	0.03	0.15
		PM <sub>10</sub>	0.03	0.15
		PM <sub>2.5</sub>	0.03	0.15
LRBC3	Stacker Reclaimer/Bucket onto Conveyor 3 (6)	PM	2.00	8.76
		PM <sub>10</sub>	1.00	4.38
		PM <sub>2.5</sub>	1.00	4.38
18	Stacker Reclaimer/Conveyor 3 onto East or West Pile (6)	PM	4.40	9.67
		PM <sub>10</sub>	2.20	4.84
		PM <sub>2.5</sub>	2.20	4.84
LC2B	Stacker Reclaimer/Conveyor 2 into Surge Bin (6)	PM	1.32	2.90
		PM <sub>10</sub>	0.66	1.45
		PM <sub>2.5</sub>	0.66	1.45
LBF2	Stacker Reclaimer/Surge Bin onto Conveyor F2 (6)	PM	0.60	2.63
		PM <sub>10</sub>	0.30	1.31
		PM <sub>2.5</sub>	0.30	1.31
LF2C2	Stacker Reclaimer/Conveyor F2 onto Conveyor 2 (6)	PM	0.60	2.63
		PM <sub>10</sub>	0.30	1.31
		PM <sub>2.5</sub>	0.30	1.31
LC3F2	Stacker Reclaimer/Conveyor 3 onto Conveyor F2 (6)	PM	0.60	2.63
		PM <sub>10</sub>	0.30	1.31
		PM <sub>2.5</sub>	0.30	1.31
LBC3	Stacker Reclaimer/Surge Bin onto Conveyor 3 (6)	PM	1.32	2.90
		PM <sub>10</sub>	0.66	1.45

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		PM <sub>2.5</sub>	0.66	1.45
20F	Stockpiles / East and West Stockpiles (all activities) (6)(7)	PM	0.74	3.24
		PM <sub>10</sub>	0.14	0.61
		PM <sub>2.5</sub>	0.02	0.07
LDSPF	Dead Storage Stockpile (all activities) (6)(7)	PM	1.04	4.55
		PM <sub>10</sub>	0.20	0.88
		PM <sub>2.5</sub>	0.02	0.09
LEST	Stackout Tube onto Stackout Stockpile (6)	PM	0.22	0.48
		PM <sub>10</sub>	0.11	0.24
		PM <sub>2.5</sub>	0.11	0.24
LESPF	Stackout Stockpile (all activities) (6)(7)	PM	0.17	0.74
		PM <sub>10</sub>	0.03	0.13
		PM <sub>2.5</sub>	<0.01	0.02
13	Transfer from Underground Reclaim Hopper to Conveyor 4 (6)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
23	Transfer Tower 1/Transfer from Conveyor 2 or 4 to Conveyor 5A or 5B (6)	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02
25	Secondary Crusher House/Secondary Crushers #1 and #2 (6)	PM	0.18	0.44
		PM <sub>10</sub>	0.18	0.44
		PM <sub>2.5</sub>	0.18	0.44
27	Transfer Tower 2 (6)	PM	0.02	0.04
		PM <sub>10</sub>	0.02	0.04
		PM <sub>2.5</sub>	0.02	0.04
28A	Unit 2 North Tripper House (6)	PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10
28B	Unit 2 South Tripper House (6)	PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10
28C	Unit 1 North Tripper House (6)	PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10
28D	Unit 1 South Tripper House (6)	PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10

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SBH1-1	South Fly Ash Storage Silo Baghouse 1 Vent 1	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH1-2	South Fly Ash Storage Silo Baghouse 1 Vent 2	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH1-3	South Fly Ash Storage Silo Baghouse 1 Vent 3	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH1-UF	South Fly Ash Storage Silo Baghouse 1 Vent	PM	0.25	1.10
		PM <sub>10</sub>	0.25	1.10
		PM <sub>2.5</sub>	0.25	1.10
SBH2-1	South Fly Ash Storage Silo Baghouse 2 Vent 1	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH2-2	South Fly Ash Storage Silo Baghouse 2 Vent 2	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH2-3	South Fly Ash Storage Silo Baghouse 2 Vent 3	PM	0.49	2.15
		PM <sub>10</sub>	0.49	2.15
		PM <sub>2.5</sub>	0.49	2.15
SBH2-UF	South Fly Ash Storage Silo Baghouse 2 Vent	PM	0.25	1.10
		PM <sub>10</sub>	0.25	1.10
		PM <sub>2.5</sub>	0.25	1.10
FASS-FUG	Fugitives from Wet Fly Ash Unloading at South Fly Ash Storage Silo (6)	PM	0.05	0.11
		PM <sub>10</sub>	0.02	0.05
		PM <sub>2.5</sub>	0.02	0.05

- (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 PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub>
    - 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit. Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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- (6) Emission rate is an estimate only and is enforceable through compliance with the applicable Special Conditions and permit application representations.
- (7) Emissions quantified include emissions from all typical operational activities of an open coal storage pile (e.g. loading, unloading, shaping, compacting, upkeep).

Date: September 01, 2015