

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4257A

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
FE-1	Lignite Truck Hopper	PM ₁₀ (4)	0.78	0.98
FE-2	Primary Lignite Braker	PM ₁₀ (4)	2.80	3.47
FE-3	Lignite Telescopic Chute	PM ₁₀ (4)	0.59	0.52
FE-4	Lignite Silos 1A, 1B	PM ₁₀ (4)	0.39	0.16
FE-5	Lignite Ready Pile	PM ₁₀ (4)	0.13	0.37
FE-6	Lignite Silo Reclaim	PM ₁₀ (4)	0.31	0.48
FE-7	Lignite Crusher Building	PM ₁₀ (4)	2.75	4.35
FE-8	Lignite Transfer Tower	PM ₁₀ (4)	0.31	0.48
FE-9	Lignite North Boiler Bins 0.28	PM ₁₀ (4)		0.18
FE-10	Lignite South Boiler Bins 0.20	PM ₁₀ (4)		0.13
FE-11	Limestone Railroad Hopper 0.09	PM ₁₀ (4)		0.84
FE-12	Limestone to Storage Building 0.09	PM ₁₀ (4)		0.84
FE-13	Limestone Storage Reclaim 0.08	PM ₁₀ (4)		0.17

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FE-14	Lignite Dead Storage Pile 2.42	PM ₁₀ (4)	0.60
FE-15	Limestone Slurry/Ash Fixation 0.08	PM ₁₀ (4)	0.04
FE-16	Limestone Slurry/Ash to Truck 0.09	PM ₁₀ (4)	0.17
FE-17	Fly Ash Silo to Truck	PM ₁₀ (4)	0.07 0.03
(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 ₁₀	-	particulate matter less than 10 microns in diameter
(4)	Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.		

* Emission rates are based on and the facility is limited by the following operating schedule:

____ Hrs/day ____ Days/week ____ Weeks/year or 8,064 Hrs/year

Based on a maximum hourly unloading rate of 1,400 tons and a maximum hourly handling rate of 480 tons of lignite to the facility's boiler, 50 tons of limestone to the facility's ball mill, and 118 tons of fly ash and a maximum annual throughput of 3,475,584 tons of lignite, 224,112 tons of limestone, and 951,552 tons of fly ash handled.

Dated _____