EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2399

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)	Emission Rates * lb/hr	TPY
LHS3O7	Coal Stockpile Wind Erosion and Maintenance (4)	TSP	27.62	17.32
		PM_{10}	9.46	5.39
L3DSP	Coal Stockpile Wind Erosion and Maintenance (4)	TSP	22.13	10.69
		PM_{10}	6.81	2.84
L3SSS	Coal Stockpile Wind Erosion and Maintenance (4)	TSP	3.52	3.36
		PM_{10}	1.16	1.20
L3SRW	Coal Stockpiles Wind Erosion and Maintenance (4)	TSP	2.15	9.43
		PM_{10}	1.08	4.72
FUG (5)	Coal Handling and Processing	TSP	10.00	11.54
FA1A-1	Fly Ash Silo Exhaust Vent	TSP	2.31	10.11
		PM_{10}	2.31	10.11
FA1A-2	Fly Ash Silo Exhaust Vent	TSP	2.31	10.11
		PM_{10}	2.31	10.11
FA1A-3	Fly Ash Silo Exhaust Vent	TSP	2.31	10.11
		PM_{10}	2.31	10.11

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
FA1A-4	Fly Ash Silo	TSP	0.74	3.24
	Exhaust Vent	PM_{10}	0.74	3.24
FA1B-1	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA1B-2	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA1B-3	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA1B-4	Fly Ash Silo	TSP	0.74	3.24
	Exhaust Vent	PM_{10}	0.74	3.24
FAS1-1FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FAS1-2FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FAS1-3FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FA2A-1	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2A-2	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2A-3	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2A-4	Fly Ash Silo	TSP	0.74	3.24

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	Exhaust Vent	PM_{10}	0.74	3.24
FA2B-1	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2B-2	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2B-3	Fly Ash Silo	TSP	2.31	10.11
	Exhaust Vent	PM_{10}	2.31	10.11
FA2B-4	Fly Ash Silo	TSP	0.74	3.24
	Exhaust Vent	PM_{10}	0.74	3.24
FAS2-1FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FAS2-2FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FAS2-3FUG	Fly Ash (FA)	TSP	0.31	1.36
	Loading Fugitives (4)	PM_{10}	0.15	0.66
FAS10-1 and 2	Vacuum Pump	TSP	0.70	3.04
	Exhaust Vent	PM_{10}	0.70	3.04
FAS10-3 and 4	Vacuum Pump	TSP	0.70	3.04
	Exhaust Vent	PM_{10}	0.70	3.04
FAS10-5	Vacuum Pump	TSP	0.35	1.52
	Exhaust Vent	PM_{10}	0.35	1.52

(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) TSP - total suspended particulate including PM_{10}
PM_{10} - particulate matter less than 10 microns in diameter (may be equal to TSP if otherwise not listed)
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(5) Coal Process Equipment represented throughputs in Table 1(a) dated March 6, 1995.

Source Name	Emission Type	Hourly Throughputs
Receiving Hopper transfer to Conveyor 301	Exhaust Vent	4800
Rail Receiving Hopper	Transfer	4800
Conveyor 302 transfer to Unit 3 Surge Silo Stackout Pile	Transfer	1800
Conveyor 301 transfer to Live Storage Silo	Exhaust Vent	4800
Live Storage Silo transfer to Conveyor 304	Exhaust Vent	2600
Unit 3 Surge Silo Stackout transfer to Conveyor 304	Exhaust Vent	2600
Unit 3 Surge Silo Stackout transfer to Conveyor 303	Transfer	1200
Conveyor 304 transfer to Crusher Tower	Exhaust Vent	2600
Conveyor 304 Bypass to Stacker/Reclaimer Conveyor 305	Exhaust Vent	2600
Conveyor 305 transfer to Crusher Tower	Exhaust Vent	1800
Crushers (2)	Exhaust Vent	1800
Crushers transfer to Conveyor 306	Exhaust Vent	1800
Crushers transfer to Conveyor 307	Exhaust Vent	1800
Conveyor 306 transfer to Conveyor 308	Exhaust Vent	1800
Conveyor 307 transfer to Conveyor 309	Exhaust Vent	1800
Conveyor 308 transfer to Transfer Tower 32 Surge Bin	Exhaust Vent	1800

Conveyor 309 transfer to Transfer Tower 32 Surge Bin	Exhaust Vent	1800
Transfer Tower 32 Surge Bin transfer to Conveyor 310	Exhaust Vent	600
Transfer Tower 32 Surge Bin transfer to Conveyor 312	Exhaust Vent	
Conveyor 310 transfer to Conveyor 311	Exhaust Vent	600
Conveyor 311 transfer to Pulverizer Silos	Exhaust Vent	600
Conveyor 312 transfer to Conveyor 313	Exhaust Vent	600
Conveyor 313 transfer to Pulverizer Silos	Exhaust Vent	600
Bypass Chute transfer to Unit 3 Surge Silo Stackout Pile	Transfer	4800
S/R Reversible Belt 305A transfer to piles	Transfer	2600
S/R Reversible Belt 305A transfer to piles	Transfer	2600
S/R Reversible Belt 305A transfer to Belt 305C	Transfer	1800
S/R Belt 305C reclaim to Belt 305	Transfer	1800
S/R Belt 305B transfer to Belt 305A	Transfer	2600
Conveyor 305 transfer to Belt 305B	Transfer	2600
Telescopic Chute transfer to Units 1&2 Live Storage Surge	Transfer	1200
Units 1 & 2 Live Storage Surge Pile tranfer to Conveyor	Exhaust Vent	1800
Conveyor 303 transfer to Telescopic Chute		1200

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8760 Hrs/year

Coal Handling: 2600 tons/hr (Conveyor 304 into crusher tower) 6,000,000 tons/year (total)

Fly Ash Handling (truck and railcar facilities): 750 tons/hr
1,100,000 tons/year

Dated_____