

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24876

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
EPN-1	Dump to Hopper (4)	PM	2.31	5.60
		PM ₁₀	1.09	2.63
EPN-2	Primary Crushing (4)	PM	1.50	4.00
		PM ₁₀	0.71	1.88
EPN-3	Transfer From Crusher to Conveyor (4)	PM	0.01	0.03
		PM ₁₀	0.01	0.01
EPN-4	Belt Conveyor (4)	PM	0.26	0.68
		PM ₁₀	0.02	0.04
EPN-5	Dump From Conveyor to Silo (4)	PM	1.05	2.80
		PM ₁₀	0.49	1.32
EPN-6	Dump From Silo to Railcar (4)	PM	2.80	5.60
		PM ₁₀	1.32	2.63
GRIZZLY	Coarse Lignite Screen (4)	PM	0.44	0.71
		PM ₁₀ 0.21	0.34	
SCREEN	Second Lignite Screen (4)	PM	0.44	0.71
		PM ₁₀ 0.21	0.34	
STKPILES	Spoils/Fines Stockpiles (4)	PM	1.10	1.81
		PM ₁₀ 0.21	0.34	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
ENGINE	Lignite Screens Engine (300-hp)	PM ₁₀	0.22	0.35
		CO	0.67	1.07
		VOC	0.25	0.40
		SO ₂	0.21	0.33
		NO _x	3.10	4.96

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3)
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 - CO - carbon monoxide
 - VOC - volatile organic compounds
 - SO₂ - sulfur dioxide
 - NO_x - nitrogen oxides

Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule and throughput rates.

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

Lignite Coal Crusher Throughput Rates: 2,000 Tons/hour 8,000,000 Tons/year

Lignite Coal Screen Throughput Rates: 250 Tons/hour 800,000 Tons/year

Dated _____