

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7084

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**
BL1-1	Blend Facility (4 and 5) Unload Hopper No. 1	PM	0.07	Note 5
		PM ₁₀	0.02	Note 5
BL2-1	Blend Facility (4 and 5) Unload Hopper No. 2	PM	0.07	Note 5
		PM ₁₀	0.02	Note 5
L-1A	South Unload Hopper (4 and 5)	PM PM ₁₀ 0.01	0.04 Note 5	Note 5
L-1	Central Unload Hopper (4 and 5)	PM Note 5 PM ₁₀ <0.02	PM Note 5	0.05
BL1-2A	Blend Facility Unload (4 and 6) Hopper No. 1 Drop	PM	<0.01	Note 6
		PM ₁₀	<0.01	Note 6
BL2-2A	Blend Facility Unload (4 and 6) Hopper No. 2 Drop	PM	<0.01	Note 6
		PM ₁₀	<0.01	Note 6
L-1T	Central Unloading (4 and 6) Hopper Drop	PM	<0.01	Note 6
		PM ₁₀	<0.01	Note 6
BL1-2B	Blend Facility (4 and 7) Crusher No. 1	PM	0.12	Note 7
		PM ₁₀	0.04	Note 7
BL2-2B	Blend Facility (4 and 7) Crusher No. 2	PM	0.12	Note 7
		PM ₁₀	0.04	Note 7
F16B1	South Crusher (4 and 7)	PM PM ₁₀ 0.06	0.19 Note 7	Note 7

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			lb/hr	TPY**
L-2	Central Crusher (4 and 7)	PM PM ₁₀	0.23 Note 7	Note 7
BL1-2C, BL1-3, and BL1-3T	Conveyor No. 1 (4)	PM PM ₁₀	<0.05 <0.02	<0.09 <0.03
BL1-4	Radial Stacking Conveyor No. 1 (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
BL1-5	Blend Facility No.1 Storage/Stockpile (4)	PM PM ₁₀		2.47 0.74
BL2-2C, BL2-3, and BL2-3T	Conveyor No. 2 (4)	PM PM ₁₀	<0.05 <0.02	<0.09 <0.03
BL2-4	Radial Stacking Conveyor No. 2 (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
BL2-5	Blend Facility No. 2 Storage/Stockpile (4)	PM PM ₁₀		2.47 0.74
BL-RC1, BL-RC2, and BL-12T	Underground Loadout and Reclaim Conveyor (4)	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
ANAL-1	Analyzer No. 1 (4)	PM PM ₁₀	<0.01 <0.01	<0.01
TOCONV-1	TO 12-Mile Conveyor (4)	PM PM ₁₀	0.08 0.06	0.21
TOCONV-BD	TO 12-Mile Conveyor Booster Drive Transfer (4)	PM PM ₁₀	0.03 0.01	0.07 0.02
PURGE	Purge Material Storage/Stockpile (4)	PM PM ₁₀		<0.03 <0.01

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			lb/hr	TPY**
TOCONV-1T	12 Mile to F10 (4) Conveyor transfer	PM PM ₁₀	0.02 0.01	0.06 0.02
SCONV-10 and SCONV-10T	Conveyor Flight No. 10 (4) and Transfer to F 09	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-9 and SCONV9T	Conveyor Flight No. 9 (4) and Transfer to F 08	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-8 and SCONV-8T	Conveyor Flight No. 8 (4) and Transfer to F 07	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-7 and SCONV-7T	Conveyor Flight No. 7 (4) and Transfer to F06	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-6 and SCONV-6T	Conveyor Flight No. 6 (4) and Transfer to F05	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-5 and SCONV-5T	Conveyor Flight No. 5 (4) and Transfer to F04	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-4 and SCONV-4T	Conveyor Flight No. 4 (4) and Transfer to F03	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-3 and SCONV-3T	Conveyor Flight No. 3 (4) and Transfer to F02	PM PM ₁₀	<0.03 <0.01	<0.08 <0.03
SCONV-2 and SCONV-2T	Conveyor Flight No. 2 (4) and Transfer to F01	PM PM ₁₀	<0.03 <0.01	<0.07 <0.02
SC-CONV and SC-CONVT	South Crusher Discharge (4) Conveyor and Transfer to F10 Conveyor	PM PM ₁₀	<0.02 <0.01	<0.06 <0.02

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Emission Point No. (1)	Source Name (2)		Air Contaminant Name (3)	Emission Rates *	
				lb/hr	TPY**
CC-CONV	Central Crusher Feed Conveyor	(4)	PM	<0.01	<0.01
			PM ₁₀	<0.01	<0.01
F16B5	Flight Conveyor No. 1	(4)	PM	<0.01	<0.01
			PM ₁₀	<0.01	<0.01
LS2	Analyzer No. 2	(4)	PM	<0.01	<0.01
			PM ₁₀	<0.01	<0.01
L-3	F01 Conveyor Transfer to Tower No. 1	(4)	PM	<0.01	<0.02
			PM ₁₀	<0.01	<0.01
CESC (Note 8)	Central Emergency Stacking Conveyor	(4)	PM		Note 8
			PM ₁₀		Note 8

(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 an 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.

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

(5) The total annual PM and PM₁₀ emissions from Emission Point Nos. (EPNs) BL1-1, BL2-1, L-1A, and L-1 combined shall not exceed 0.14 tons per year (tpy) of PM and 0.04tpy of PM₁₀.

(6) The total annual PM and PM₁₀ emissions from EPNs BL1-2A, BL2-2A, and L-1T combined shall not exceed 0.02 tpy of PM and 0.005 tpy of PM₁₀.

(7) The total annual PM and PM₁₀ emissions from EPNs BL1-2B, BL2-2B, F16B1, and L-2 combined shall not exceed 0.62 tpy of PM and 0.20 tpy of PM₁₀.

(8) Emergency source to be used only to replenish central emergency lignite storage area

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Facility	Throughput	Maximum Hourly Throughput	Maximum Annual (Tons/Hour) (Tons/Year)
HOPPERS			
Blend Facility Unloading Hoppers Nos. 1 and 2		2,000	
South Unloading Hopper		1,200	
Central Unloading Hopper		1,500	
Combined Total For All Above Hoppers			8,000,000
CRUSHERS			
Blend Facility Crusher Nos. 1 and 2		2,000	
South Crusher		1,200	

Central Crusher	1,500	
Total For All Crushers		8,000,000

CONVEYORS

Three Oaks Twelve Mile Conveyor	1,500	8,000,000
South Conveyor	1,500	8,000,000

Dated_____