

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) Unloading Hopper	PM	0.07	Note 5
		PM ₁₀	0.02	Note 5
L-1A	South Unloading Hopper (4 and 5)	PM	0.04	Note 5
		PM ₁₀	0.01	Note 5
L-1	Central Unloading Hopper (4 and 5)	PM	0.05	Note 5
		PM ₁₀	0.02	Note 5
BL1-2	Underground Drop from Blend Unloading Hopper To Crusher (4 and 6)	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
BL1-2	Underground Blend (4 and 7) Facility Crusher	PM	0.12	Note 7
		PM ₁₀	0.04	Note 7
F16B1	South Crusher (4 and 7)	PM	0.19	Note 7
		PM ₁₀ 0.06	Note 7	
L-2	Central Crusher (4 and 7)	PM	0.23	Note 7
		PM ₁₀ 0.07	Note 7	
BL1-2	Underground Portion (4) of 60 feet Conveyor/Transfer	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
BL1-3	Aboveground Portion (4) of 60 feet Conveyor	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01

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			lb/hr	TPY**
BL1-3T	Transfer from 60 feet (4) Conveyor to Radial Stacker	PM	0.03	0.07
		PM ₁₀	0.01	0.02
BL1-4W	Radial Stacking (4) Conveyor West Position	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
BL1-4E	Radial Stacking (4) Conveyor East Position	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
BL1-5	Blend Facility (4) West Storage	PM	-.--	2.25
		PM ₁₀	-.--	0.68
BL2-5	Blend Facility (4) East Storage	PM	-.--	2.25
		PM ₁₀	-.--	0.68
BL-RC1W	Underground West Storage (4) Pile Transfer Loadout/Reclaim Conveyors/Transfer	PM	0.02	0.06
		PM ₁₀	0.01	0.02
BL-RC1E	Underground East Storage (4) Pile Loadout/Reclaim Conveyors/Transfer	PM	0.02	0.06
		PM ₁₀	0.01	0.02
BL-RC2W	Aboveground Portion of (4) West Reclaim Conveyor	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
BL-RC2E	Aboveground Portion of (4) East Reclaim Conveyor	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
BL-12T	Transfer from Reclaim (4) Conveyor To 12-Mile Three Oaks Conveyor	PM	0.03	0.07
		PM ₁₀	0.01	0.02
TOCONV-1	12-Mile Three Oaks Conveyor (4)			
		0.24	PM	0.08

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			lb/hr	TPY**
TOCONV-BD	12-Mile Three Oaks Conveyor Booster Drive Transfer (4)	PM ₁₀	0.02	0.07
		PM	0.03	0.07
		PM ₁₀	0.01	0.02
TOCONV-1T	Transfer from 12 Mile Three (4) Oaks Conveyor to F10 Conveyor	PM	0.02	0.06
		PM ₁₀	0.01	0.02
SCONV-10 and SCONV-10T	Conveyor Flight No. 10 (4) and Transfer to F 09	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-9 and SCONV9T	Conveyor Flight No. 9 (4) and Transfer to F 08	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-8 and SCONV-8T	Conveyor Flight No. 8 (4) and Transfer to F 07	PM	<0.03	0.09
		PM ₁₀	<0.01	<0.03
SCONV-7 and SCONV-7T	Conveyor Flight No. 7 (4) and Transfer to F06	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-6 and SCONV-6T	Conveyor Flight No. 6 (4) and Transfer to F05	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-5 and SCONV-5T	Conveyor Flight No. 5 (4) and Transfer to F04	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-4 and SCONV-4T	Conveyor Flight No. 4 (4) and Transfer to F03	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-3 and SCONV-3T	Conveyor Flight No. 3 (4) and Transfer to F02	PM	<0.03	0.08
		PM ₁₀	<0.01	<0.03
SCONV-2 and SCONV-2T	Conveyor Flight No. 2 (4) and Transfer to F01	PM	<0.03	0.07
		PM ₁₀	<0.01	0.02

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			lb/hr	TPY**
SC-CONV and SC-CONVT	South Crusher Discharge (4) Conveyor and Transfer to F10 Conveyor	PM	<0.02	0.06
		PM ₁₀	<0.01	<0.02
CC-CONV	Central Crusher Feed (4) Conveyor	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 (4) to Tower No. 1	PM	<0.01	0.02
		PM ₁₀	<0.01	<0.01

(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 PM 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, L-1A, and L-1 combined shall not exceed 0.15 tons per year (tpy) of PM and 0.05 tpy of PM₁₀.

(6) The total annual PM and PM₁₀ emissions from EPNs BL1-2 and L-1T combined shall not exceed 0.02 tpy of PM and 0.006 tpy of PM₁₀.

(7) The total annual PM and PM₁₀ emissions from EPNs BL1-2, F16B1, and L-2 combined shall not exceed 0.70 tpy of PM and 0.21 tpy of PM₁₀.

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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
			<u>(Tons/Hour)</u> <u>(Tons/Year)</u>

HOPPERS

Blend Facility Unloading Hopper	2,000	
South Unloading Hopper	1,200	
Central Unloading Hopper	1,500	
Combined Total For All Above Hoppers		9,000,000

CRUSHERS

Underground Blend Facility Crusher	2,000
South Crusher	1,200

Central Crusher	1,500	
Total For All Crushers		9,000,000

CONVEYORS

Three Oaks Twelve Mile Conveyor	1,500	9,000,000
South Conveyor	1,500	8,000,000

Dated March 15, 2007