

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32024

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
F1	Haul Road (Mining) (4)	PM	-.--	0.14
		PM <sub>10</sub>	-.--	0.07
F1A	Haul Road (Product) (4)	PM	-.--	0.02
		PM <sub>10</sub>	-.--	0.01
F2	Crushing and Material Handling (4)	PM	1.00	4.37
		PM <sub>10</sub>	0.26	1.13
F3	Material Transfer (4)	PM	0.20	0.85
		PM <sub>10</sub>	0.09	0.39
F4	Waste Stockpile (4)	PM	-.--	6.62
		PM <sub>10</sub>	-.--	3.17
S1	Wet Scrubber Stack	PM	4.55	19.93
		PM <sub>10</sub>	0.24	1.05
		SO <sub>x</sub>	1.80	7.89
		NO <sub>x</sub>	5.06	22.13
		VOC	0.14	0.58
		CO	0.89	3.92
S1F	Fugitives (4)	PM	0.04	0.17
		PM <sub>10</sub>	< 0.01	0.01
S2	Baghouse No. 1 Stack (Screening, Storage, Conveying)	PM	0.61	2.67
		PM <sub>10</sub>	0.04	0.15
S2F	Fugitives (4)	PM	0.02	0.05
		PM <sub>10</sub>	< 0.01	<0.01
S3	Baghouse No. 2 Stack (Screening, Storage, Conveying)	PM	0.57	2.46
		PM <sub>10</sub>	0.03	0.13

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			lb/hr	TPY
S3F	Fugitives (4)	PM	0.01	0.05
		PM <sub>10</sub>	< 0.01	< 0.01
S4	Baghouse No. 3 Stack (Bagging)	PM	0.23	0.99
		PM <sub>10</sub>	0.02	0.06
S4F	Fugitives (4)	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
S5	Baghouse No. 4 Stack (Bulk Loadout)	PM	0.15	0.62
		PM <sub>10</sub>	< 0.01	0.04
S5F	Fugitives (4)	PM	0.02	0.07
		PM <sub>10</sub>	< 0.01	< 0.01
S6	Baghouse No. 5 Stack (Waste Loadout)	PM	0.15	0.65
		PM <sub>10</sub>	0.01	0.04
S6F	Fugitives (4)	PM	0.02	0.08
		PM <sub>10</sub>	< 0.01	< 0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, area name or fugitive source name used.

(3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - 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.

SO<sub>x</sub> - sulfur dioxide

NO<sub>x</sub> - nitrogen oxides

VOC - volatile organic compounds

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated September 19, 2000

Dated \_\_\_\_\_