

## 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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
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	0.937	4.11
		PM <sub>10</sub>	0.234	1.023
F3	Material Transfer (4)	PM	0.193	0.85
		PM <sub>10</sub>	0.089	0.39
F4	Waste Stockpile (4)	PM	-.--	8.83
		PM <sub>10</sub>	-.--	4.22
S1	Wet Scrubber Stack	PM	4.549	19.93
		PM <sub>10</sub>	0.239	1.05
		SO <sub>x</sub>	1.80	7.89
		NO <sub>x</sub>	5.05	22.13
		VOC	0.133	0.58
		CO	0.89	3.91
S1F	Fugitives (4)	PM	0.04	0.17
		PM <sub>10</sub>	<0.01	0.01
S2	Baghouse No. 1 Stack (Screening, Storage, Conveying) 0.141	PM	0.61	2.67
		PM <sub>10</sub>		<0.032
S2F	Fugitives (4)	PM	0.0114	0.05
		PM <sub>10</sub>	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
S3	Baghouse No. 2 Stack (Screening, Storage, Conveying) 0.13	PM	0.561	2.46
		PM <sub>10</sub>	<0.029	
S3F	Fugitives (4)	PM	0.01	0.04
		PM <sub>10</sub>	<0.01	<0.01
S4	Baghouse No. 3 Stack (Bagging) 0.99	PM		0.226
		PM <sub>10</sub>	0.01	0.05
S4F	Fugitives (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
S5	Baghouse No. 4 Stack (Bulk Loadout)	PM	0.141	0.62
		PM <sub>10</sub>	<0.01	0.03
S5F	Fugitives (4)	PM	0.0158	0.07
		PM <sub>10</sub>	<0.01	<0.01
S6	Baghouse No. 5 Stack (Waste Loadout)	PM	0.148	0.65
		PM <sub>10</sub>	0.01	0.03
S6F	Fugitives (4)	PM	0.0164	0.072
		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.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

\* 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

Dated\_\_\_\_\_