

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36917

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>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Railcar Receiving (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
2	Railcar Conveyor Drop Point (4)		PM	<0.01
	<0.01	PM <sub>10</sub>	<0.01	<0.01
3	Stockpile Formation (4)	PM	0.03	0.03
		PM <sub>10</sub>	0.02	0.02
4A	Stockpile 4A (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
4B	Stockpile 4B (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
4C	Stockpile 4C (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
5	Front-End Loader Unloading (4)		PM	0.04
	0.15	PM <sub>10</sub>	0.02	0.08
6	Hopper Conveyor Drop Point (4)		PM	<0.01
	<0.01	PM <sub>10</sub>	<0.01	<0.01
7	Vibrating Screen (4)	PM	0.11	0.42
		PM <sub>10</sub>	0.02	0.05
8	Jaw Crusher (4)	PM	<0.01	<0.01

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		PM <sub>10</sub>	<0.01	<0.01
9A	Coarse Conveyor Drop Point (4) <0.01	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
9B	Stockpile 9B (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
10	Crusher Conveyor Drop Point No. 1 (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
11	Crusher Conveyor Drop Point No. 2 (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
12A	Mill Feed Hopper (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
12B	Mill Feed Conveyor Drop Point (4) <0.01	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
13	Flash Dryer/Mill Bagfilter	PM <sub>10</sub>	0.41	1.00
		VOC	0.02	0.02
		NO <sub>x</sub>	0.86	1.20
		CO	0.22	0.30
		SO <sub>2</sub>	1.83	2.56
14	Product Tank and Truck Loadout 0.88 Bagfilter	PM <sub>10</sub>		0.28

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter, suspended in

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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.

VOC - volatile organic compounds as defined in General Rule 101.1

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

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

(4) Fugitive emissions are an estimate only.

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated \_\_\_\_\_