

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 86250

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**
RAIL-A1	Rail Unloading A1 (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
RAIL-A2	Rail Unloading A2 (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
TRK-A	Truck Load-out A (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
TRK-B	Truck Load-out B (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
TRK-C	Truck Load-out C (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
TRK-B1	Truck Unloading B (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BH-01	Baghouse 1 (5)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BH-02	Baghouse 2 (6)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BH-03	Baghouse 3 (7)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01

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- (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 PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Baghouse 1 controls the following emission sources: HEW Belt A, HEW Belt AB, V Belt A1, V Belt A2, HNS A1, HNS A2, HNS A3, HNS A4, HNS A5, HNS A6, HNS A7, HNS A8, and controls via suction shroud RAIL-A1, RAIL-A2, and TRK-A
- (6) Baghouse 2 controls the following emission sources: HNS B1, HNS B2, HNS B3, HNS B4, HNS B5, HNS B6, HNS B7, HNS B8, and controls via suction shroud TRK-B1
- (7) Baghouse 3 controls via suction shroud the following emission sources: TRK-B and TRK-C

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

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

269 tons per hour and 1,683,121 tons per year of sand.

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

Dated September 15, 2009