

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83982

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**
<u>DRYING PLANTS</u>				
4A	Screen No. 1 (4)	PM	0.11	0.42
		PM ₁₀	0.04	0.15
5A	Screen No. 2 (4)	PM	0.11	0.42
		PM ₁₀	0.04	0.15
4B	Screen No. 3 (4)	PM	0.17	0.63
		PM ₁₀	0.06	0.22
5B	Screen No. 4 (4)	PM	0.17	0.63
		PM ₁₀	0.06	0.22
8A	Dryer Baghouse No. 1	PM	1.04	3.74
		VOC	0.11	0.50
		NO _x	2.06	9.02
		SO ₂	0.01	0.05
		CO	1.73	7.57
8B	Dryer Baghouse No. 2	PM	1.04	3.74
		VOC	0.11	0.50
		NO _x	2.06	9.02
		SO ₂	0.01	0.05
		CO	1.73	7.57
9A	Silo Baghouse No. 1	PM ₁₀	<0.01	<0.01
9B	Silo Baghouse No. 2	PM ₁₀	<0.01	<0.01
12A	Generator	PM ₁₀	0.05	0.19
		VOC	0.02	0.06
		NO _x	8.30	29.65
		SO ₂	0.30	1.05

CO 0.66 2.36

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
DSTK	Stockpiles (4)	PM	---	1.19
		PM ₁₀	---	0.59
1A-B, 2A-B, 3A-B, 6A-B, 7A-B, 10A-B, 11A-B, and DMH	Material Handling (4)	PM	0.24	0.85
		PM ₁₀	0.10	0.36
<u>WASH PLANT</u>				
3	Wash Screen (4)	PM	0.09	0.31
		PM ₁₀	0.03	0.11
11	Wash Plant Generator	PM ₁₀	0.17	0.60
		VOC	1.09	3.89
		NO _x	7.71	27.51
		SO ₂	1.54	5.50
		CO	2.93	10.47
WSTK	Wash Plant Stockpiles (4)	PM	---	2.84
		PM ₁₀	---	1.42
1-2, 4-10, and WMTL	Wash Plant Material Handling (4)	PM	0.24	0.85
		PM ₁₀	0.10	0.36

- (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 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 particulate matter greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.

- * Emission rates are based on and the permanent facilities are limited by the following maximum operating schedule and production rates:
- ** Compliance with annual emission limits is based on a rolling 12-month period.

20 Hrs/day 7 Days/week 51 Weeks/year or 7,140 Hrs/year

Drying Plant No. 1: 100 tons/hour

750,000 tons/year

Drying Plant No. 2: 150 tons/hour

1,125,000 tons/year

Wash Plant: 350 tons/hour 2,500,000 tons/year

Dated April 29, 2008