EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84769

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**
Area 1					
1SDCRUSH01	VSI Sand Crusher (4)	PM		0.10	0.02
		PM_{10}		0.05	0.01
1SDSCREEN01	Wet Vibrating Screen (4)	PM		0.09	0.40
		PM_{10}		0.03	0.13
1SDSCREEN02	Dewatering Screen (4)	PM		0.09	0.38
		PM_{10}		<0.01	0.09
LFUG	Loading/Unloading Operations (4)	PM		0.01	0.05
		PM_{10}		0.01	0.02
MHFUG	Material Handling (4)	PM		0.03	0.12
		PM_{10}		0.01	0.04
1STP01	Stockpiles (4)	PM			0.29
		PM_{10}			0.14
1STP02, 04	Stockpiles (4)	PM			0.14
		PM_{10}			0.07
1STP03	Stockpiles (4)	PM			0.04
		PM_{10}			0.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Area 2				
2BAGH01	Rotary Dryer Baghouse Stack	PM_{10}	5.31	23.21
		NO_X	6.95	30.37
		CO	4.01	17.52
		SO_2	0.01	0.05
		VOC	0.53	2.34
2BAGH02	Silo Baghouse Stack (5)	PM_{10}	<0.01	0.01
2BAGH03	Silo Baghouse Stack (5)	PM_{10}	<0.01	0.01
2BAGH04	Silo Baghouse Stack (5)	PM_{10}	<0.01	0.01
LFUG	Loading/Unloading Operations (4)	PM	0.03	0.14
		PM_{10}	0.02	0.07
MHFUG	Material Handling (4)	PM	0.06	0.28
		PM_{10}	0.02	0.09
2STP01	Stockpiles (4)	PM		0.81
		PM_{10}		0.40
2AST05	10,000 Gal. Diesel Tank	VOC	<0.01	<0.01
2AST06	8,000 Gal. Diesel Tank	VOC	<0.01	<0.01
Area 3				
3BAGH05	Fluid Bed Dryer Baghouse Stack	PM_{10}	6.26	27.33
		NO_X	4.01	17.50
		CO	2.31	10.10
		SO_2	0.01	0.03
		VOC	0.31	1.35
3BAGH06	Silo Baghouse Stack (5)	PM_{10}	0.01	0.01
3BAGH07	Silo Baghouse Stack (5)	PM_{10}	0.01	0.01
3BAGH08	Silo Baghouse Stack (5)	PM_{10}	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3SDSCREEN01	Double Deck Scalping Screen (4)	PM	0.88	3.84
		PM_{10}	0.30	1.29
3DWSCREEN01	Dewatering Screen 1 (4)	PM	0.84	3.67
		PM_{10}	0.20	0.88
3DWSCREEN02	Dewatering Screen 2 (4)	PM	0.36	1.57
		PM_{10}	<0.01	0.38
LFUG	Loading/Unloading Operations (4)	PM	0.12	0.53
		PM_{10}	0.06	0.25
MHFUG	Material Handling (4)	PM	0.57	2.48
		PM_{10}	0.19	0.82
3STP01, 02	Stockpiles (4)	PM		0.67
		PM_{10}		0.34
3STP03-05, 09	Stockpiles (4)	PM		0.19
		PM_{10}		0.10
3STP06	Stockpiles (4)	PM		0.31
		PM_{10}		0.16
3STP07	Stockpiles (4)	PM		1.20
		PM_{10}		0.60
3STP08	Stockpiles (4)	PM		0.16
		PM_{10}		0.08
4AST01	1,000 Gal. Gasoline Tanks	VOC	0.04	0.18
4AST03	340 Gal. Hydraulic Fluid Tank	VOC	0.01	0.01
4AST04	340 Gal. Motor Oil Tank	VOC	0.01	0.01
4AST05	1,000 Gal. Recycled Oil Tank	VOC	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter
CO - carbon monoxide
(4) Fugitive emissions are an estimate only.
(5) Silos 2BAGH02 through 2BAGH04 to be loaded sequentially. Silo 3BAGH06 through 3BAGH08 to be loaded sequentially.

* 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 limited to 8,736 Hrs/year

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

Crusher 1SDCRUSH01:		41.7 Tons/hour	30,266 Tons/year
Total Facility:	Area 1:	42 Tons/hour	366,912 Tons/year
	Area 2:	150 Tons/hour	1,310,400 Tons/year
	Area 3:	400 Tons/hour	3,494,400 Tons/year

Dated November 13, 2008